

03S Courses Satisfying Honors Program Requirements

First-Year Honors Colloquia

ANTH 390-080

Honors Colloquium: Us and the Other (3)

Donna Budani

Cultures differ in their world-views, in their perspectives on the rhythms and patterns of life, and in their concept of the essential nature of the human condition. The impact of culture is apparent in behavior, in patterns of social interaction, and in social institutions. Self-perception and the perceptions held by those outside the ethnic or indigenous group are important components of the definition of ethnicity. Through the case study method, this course will examine the culture of indigenous groups and ethnic minorities who are incorporated in contemporary or state societies world-wide. We will explore culture change and continuity with valued traditions. We will also consider how perceptions of "the other" are shaped by the larger cultural content. *Note: Open to first-year UHP students only.*

ANTH 390-081

Honors Colloquium: Interpreting the Past (3)

Jill Neitzel

This course considers the different perspectives that can be applied to learning about the past. The course begins with how individuals remember their personal experiences as well as those of their families. It then turns to the issue of how political agendas and cultural affiliation can affect interpretations of documented history. Finally, the course considers the varying interpretations that archaeologists can derive from their analyses of material remains. *Note: Open to first-year UHP students only.*

ARSC 390-080

Honors Colloquium: New Comedy (3)

Milena Davison

"All tragedies are finish'd by a death,/All comedies are ended by a marriage," Lord Byron remarked. His witty generalization is by and large true, at least of "New Comedy," a form that has had an astonishing longevity and tenacity. From

Menander's works (342-292 B.C.E.) to *My Big, Fat Greek Wedding*—the comic movie hit of the summer—comedies have made us laugh at our attempts to get ourselves married or at least bedded. The pattern of "New Comedy" is very simple, as Northrop Frye, among others, has noted: "What normally happens is that a young man wants a young woman, that his desire is resisted by some opposition, usually paternal, and that near the end of the play, some twist in the plot enables the hero to have his will." But the variations on this pattern are virtually endless, as are the subversive societal implications that various authors bring to the simple plot. In this class we focus on the great masters of comic drama who have given the form their own unique interpretation: Menander, Plautus, Terence, Shakespeare, Molière, Sheridan, Gogol, Wilde. We also consider the formula as it is used in prose (Boccaccio) and poetry (Chaucer) and in contemporary films and television comedies. Finally, we will read a handful of theoretical and analytical pieces to help us understand the uses, misuses, abuses, and pleasures of comedy. The format of the course is discussion; a close reading of the texts is consequently essential. Writing requirements: five 1-page response papers, which may serve as points of departure for the three 4-5-page analytical essays. *Note: Open to first-year UHP students only.*

ARSC 390-081

Honors Colloquium: Ugly Art in an Evil World (3)

Jennifer Levi

The 1990s witnessed New York City mayor Rudolf Guiliani's threat to revoke government funding of the Brooklyn Art Museum for its willingness to show Chris Ofili's offensive exhibit "Sensations," and Littleton, Colorado's, horror when students influenced by the music of Marilyn Manson opened fire on their classmates. Art is more political, more terrifying, and according to some, more influential than ever. In this colloquium we will study what has, at different historical and cultural moments, been deemed contro-

versial art. We will analyze a variety of literary and cultural texts (paintings, music, movies, television, etc.), ranging from writing of Charlotte Perkins Gilman to the rap music of NWA to the HBO television series OZ to the paintings of Chris Ofili. We will explore the changing definitions, boundaries, and responsibilities of art by examining the relationship between art and society at different moments in history. Are there some subjects that should not be rendered "beautiful" or heroic by art (the Holocaust, slavery, rape, insanity, serial killers, drug addiction, etc.)? Is there a point when art intended to shock ceases to be art (Charles Bukowski, William S. Burroughs, punk rock music)? Do artists have a responsibility to uphold the morals of society? What should be the relationship between art and politics/the government? Other writers we may read are Richard Wright, Marge Piercy, Allen Ginsberg, Holocaust poet Charlotte Delbo, Margaret Atwood, Vladimir Nabokov, Audrey Lorde, and Robert Coover. *Note: Open to first-year UHP students only.*

ARSC 390-082

Honors Colloquium: Metaphors Be With You: Description, Analysis, Revision, and Precision (3)

Devon Miller-Duggan

This course is interdisciplinary in that it can, and probably will, integrate the specific vocabularies of any number of fields, as well as in that it will equip you to both explain and understand your fields better and in greater depth. This is a class focusing on the relationship between words, writing, precision, and communication. The method is the metaphor and the exercise of metaphor is the sonnet, an enduring and astonishingly flexible form of poetry that can contain whole narratives, complex philosophies, shaggy dog stories, news reports, or pretty much any other chunks of experience students might want to incorporate. Readings will include a range of poetry and writings about poetry that enforce and illuminate the class discussion of the way words process and interpret information. *Note: Open to first-year UHP students only.*

ARSC390-083

Honors Colloquium: Out of the Box (3)

Devon Miller-Duggan

Wearing "groucho" glasses to class might classify as out-of-the-box behavior, but it won't do you much good unless your goal is either to tickle or tick off your teacher. On the other hand, Barbara Ehrenreich left her cushy life as a highly paid editorial writer to spend three months living and working as a minimum-wage drudge, Bill Bryson took his out-of-shape middle-aged body on a trek along the length of the Appalachian Trail, Jalal A-din Rumi left his life as a pampered scholar to explore the ecstatic edges of Islam, Bill Gates dropped out of college, Gandhi abandoned the profession of law to save his country, and Mother Teresa left a secure life in Albania to serve the wretched and suffering of the Calcutta slums. They all wrote or spoke extensively about their radical choices, and we'll read those accounts and discuss what it means to operate out of the box, why it's a good idea, what it can change. Writing will explore a variety of formats—essay, journal, poetry, bumper-stickers, tee-shirts, last-words are all possible—but always aim to break through habits and re-envision rules. *Note: Open to first-year UHP students only.*

ARSC 390-084

Honors Colloquium: The Stories Project: A Service-Learning Experience (3)

Rita Skelly

To tell a story is to create community. This collaborative approach will create a balance of serious study and adventurous exploration. By sharing old and new stories within a collaborative learning setting, we develop a deeper sense of self and enhance our ability to express ideas and feelings. As a service-learning course, students volunteer time outside of class to work with children in the College School to foster awareness of the oral tradition and the power of storytelling. Students will learn the craft of storytelling, the power of image-making, and ways to develop oral and written expression. The culminating event will be an evening celebration of stories created during the UD and College School partnerships.

Note: Open to first-year UHP students only.

EDUC 391-080

Honors Colloquium: Shakespeare's Classical World: Rome and Athens (3)

Jan Blits

Through a close reading of three Shakespeare

plays, this course will study Shakespeare's understanding of the two great cultures of classical Western Antiquity, Athens and Rome. Readings will include *A Midsummer Night's Dream*, *Coriolanus*, and *Anthony and Cleopatra*. *Note: Open to first-year UHP students only.*

EDUC 391-081

Honors Colloquium: Culture, Counterculture, and Multiculture (3)

Jan Blits

This course is a philosophical study of changes over time in the meaning of "culture" and in the role of culture in human life. Is culture "the king of all," or can people rise above their own culture? Are cultures naturally open to and tolerant of other cultures? Or are they naturally closed and even hostile to one another? Can one culture judge another, or can a culture be judged only from within? We will read the ancient Greek world's examination of foreign cultures (Herodotus on Egypt and Persia), Marco Polo's travels in China, and the closedness of China itself (China as "the Middle Kingdom"). Then we will turn to the rise of early modern principles of universal human rights and tolerance (Francis Bacon and John Locke), the counter-culture reaction to classical liberalism (Karl Marx and Alexis de Tocqueville), and the rise of cultural relativism and multiculturalism (Friedrich Nietzsche). *Note: Open to first-year UHP students only.*

EDUC 391-082

Honors Colloquium: Intelligence in Everyday Life (3)

Linda Gottfredson

Is intelligence just a narrow academic skill, or does it provide practical advantages in everyday life? What is life like for people of low, average, or high intelligence? Just what is intelligence anyway, and why do people (even siblings) differ so much in intelligence level? This course will examine old discoveries as well as new surprises in the scientific study of intelligence. We begin by looking at IQ testing for children and adults to see why mental tests are good measures of what lay people and experts think of as "intelligence." We conclude by examining how wide variations in intelligence, which exist in all societies, shape social institutions as well as the life chances of individuals. *Note: Open to first-year UHP students only.*

FLLT 360-081

Honors Colloquium: The Aesthetics of Horror (3)

Nancy Nobile

This seminar will explore the idea that horror consists of the disruption of boundaries—the blurring of comforting categories by which we order our world. Figures of horror exist between seemingly clear-cut borders such as life and death, good and evil, beauty and monstrosity, self and other. We'll read narratives and view films whose main characters occupy such interstitial places: the ghost, the vampire, the alien, the automaton, and the double. Texts from the late 18th to the early 21st centuries (by Hoffmann, Freud, Kafka, Borges, and others) will be juxtaposed with films by Alfred Hitchcock, David Cronenberg, and John Sayles. The hope is that exploring these dark and twisted plots will leave you with critical skills as sharp as Freddy Krueger's hands. They'll also help us to consider how the creation or disruption of boundaries between cultural groups, genders, spaces, and disciplines influence our lives. *Note: Open to first-year UHP students only.*

GEOG 390-080

Honors Colloquium: Home and Homelessness: Changing Ideals and Realities (3)

April Veness

To understand homelessness in the United States, this colloquium is divided into three sections. In the first we examine the historical meaning of "home" to understand who and what constitutes the "homeless." As readings will show, definitions of home (and homelessness) are tied to many factors. We will then turn to the actual experiences of homeless people. A documentary film, case studies, and observations from a day-long field trip will give the class a fuller understanding and appreciation of the ways that the lives of the homeless both differ and are just like our own. The course concludes with a critical examination of explanations of homelessness that have been put forward by academics and policy-makers. By the end of the course, each class member should be in a position to express his or her own thoughts about homelessness and suggest possible policy solutions. *Note: Open to first-year UHP students only.*

POSC 390-080**Honors Colloquium: Human Rights and U.S. Foreign Policy (3)****William Meyer**

This class will consider both history and contemporary international affairs as they relate to the topics of American foreign policy and global human rights. After reviewing definitions of human rights, and after a brief history of the post-WW II global movement to protect human rights, the colloquium will consider a series of contentious issues that require attention to American foreign policy: the International Criminal Court; the Convention to Eliminate all forms of Discrimination Against Women; foreign aid to developing nations; and the use of economic sanctions to punish abuses of human rights (among other topics). Students will work in small groups to research and report on the debates from both sides of these issues (pro versus con). Grades for the colloquium will be based on oral contributions to class, short (individual) papers drawn from the group research, and written exams. *Note: Open to first-year UHP students only.*

Honors Forum Courses**ARSC 296-080****Honors Forum: Passing the Torch: An Interdisciplinary Look at the World Poised for Change (1)****Devon Miller-Duggan***(For course description, see under Alison Scholars Courses.)***LEST 267-080****Honors Forum: The Law and You (1)****Joan del Fattore**

Students in this pass/fail course will convene every Friday at lunchtime to hear legal professionals talk about their work and their most memorable cases. Speakers will include judges, legal scholars, and lawyers who have chosen a variety of careers such as prosecutor, public defender, political aide, or private practice. The course requirements are attendance at every class meeting and a take-home final examination based on the lectures. *Meets with regular section.*

Honors Degree Seminars

Requirements for all Honors Degree and Honors Degree with Distinction candidates include an Honors Degree Seminar or capstone experience, which must be taken in one of the last two semesters before graduation. Students who have applied as Honors Degree candidates will be given registration priority for these courses.

ENGL 467-080**Honors Degree Seminar: Screenwriting (3)****Thomas Leitch**

An intensive practical introduction to the craft of screenwriting. Beginning with concepts, treatments, and sample scenes, students will spend the first half of the course writing, pitching, and rewriting preliminary studies for a screenplay. Class discussions during this phase will be devoted to plot construction, dialogue, characterization, and the market. In the second half of the course, each student, working independently or as part of a group, will complete a feature-length screenplay. No previous screenwriting experience is assumed, but students should have an interest in how movies work, an ability to give and absorb constructive criticism, and an unlimited appetite for rewriting. *Open to seniors. This Honors seminar will satisfy 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.*

UNIV 495-080**Honors Degree Seminar: Science and Pseudoscience (3)****Susan Groh**

Alien abductions, astrology, cryptozoology, ghosts, magnetotherapy, auras, ESP, homeopathy....The daily news is filled with reports of "weird things". Are these creditable? How can we know what is true? This course will deal with distinguishing scientific and pseudoscientific explanations, with a focus on developing principles of critical thinking that can be used to evaluate anomalous situations. We will explore a wide range of extraordinary claims to establish which are subject to scientific proof and the evidence available to evaluate them. No particular background in science is needed, although basic science literacy is assumed. *Open to seniors. This Honors seminar will satisfy 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.*

Alison Scholars Courses

ARSC 296-080

Honors Alison Forum: Passing the Torch: An Interdisciplinary Look at the World Poised for Change (1)

Devon Miller-Duggan

Enrollment in this forum represents a commitment to attend most of the lectures in the Spring '03 Alison Scholars Lecture series. The lecture series features a distinguished list of writers, scholars, and activists, including Ralph Nader, whose talks will focus on the relationship between ethics, work, and thinking about the future. Class will meet irregularly in order to discuss the lectures in the series, and the semester will conclude with students giving brief lectures of their own on a topic inspired by one of the scheduled speakers. *Seating preference is given to Alison Scholars; other Honors students may enroll by permission of the UHP. Partially satisfies multicultural requirement.*

UNIV 495-081

Honors Alison Seminar: Terrorism and the First Amendment (3)

Matthew Kinservik

How has the “War on Terrorism” affected the freedom of expression, guaranteed by the first amendment? The seminar will be wide-ranging in its definition of expression and the regulation thereof, but particular emphasis will be placed on the “Patriot Act” and its unfolding consequences. The course will be run as a true seminar, so the week-to-week content of the course will be dictated by the individual research topics that the participants choose to pursue. You will write one term paper based on a semester-long case study and lead at least one class session on the topic you have chosen. *Seating preference is given to Alison Scholars; other Honors students may enroll by permission of the UHP. This Honors seminar will satisfy 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.*

Honors Tutorials

A tutorial allows a small number of students (usually no more than four to eight) to work intensively with a

faculty member on a set of selected readings. Tutorials meet once a week for two hours. Typically, no examinations are given, but written work is required and students should expect to do significant independent study in preparation for group discussions. Tutorials are open to any qualified third- or fourth-year student, but priority is given to Honors Degree candidates.

UNIV 490-080 and –081

Honors Tutorial: The Novel (3)

Bernard Kaplan

We will be reading eight novels in these tutorials. Our discussions will focus on the novels as literary forms and as expressions of various views of the self in society. But we will also let our discussions take us where they will, touching on the interests of the group. Each student will write a short response paper for each novel. All group discussions will be student-centered.

Our novels are:

Eliot, *Silas Marner*

Naipaul, *A House for Mr. Biswas*

Murakami, *The Wind-Up Bird Chronicle*

Beckett, *Murphy*

Cather, *Death Comes for the Archbishop*

Parmuk, *My Name is Red*

Larsen, *Passing*

Dostoevsky, *The Brothers Karamazov*

Satisfies A&S Group A and second writing requirements. This Honors tutorial will satisfy 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.

UNIV 490-082 and –083

Honors Tutorial: Human Nature and Human Society (3)

Lawrence Duggan

Among the readings:

Aristotle, *Politics*

The four Gospels

Thomas More's *Utopia*

Machiavelli, *Prince*

B.F. Skinner, *Walden Two*

Barbara Ehrenreich, *Blood Rites*

Paul Fussell, *Class*

C.S. Lewis, *Screwtape Letters*

Freud, *Civilization and Its Discontents*

Dostoevsky, *Grand Inquisitor*

Satisfies A&S Group A and second writing requirements. This Honors tutorial will satisfy 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

Animal Science (ANSC)

ANSC 140-080

Honors: Functional Anatomy of Domestic Animals (4)

Robert Dyer

The course emphasizes the relationships between anatomical structures and physiological functions in domestic farm animals. It also explains distinctive behavioral patterns and management practices in terms of structural and functional relationships in cattle, sheep, swine, poultry, and horses. All body systems will be covered. Laboratory activities include the dissection of both preserved and fresh specimens as well as the measurement of physiological parameters in living animals. Both lecture and laboratory settings will use interactive learning practices. *Meets with regular section; separate Honors lab. Open to majors only.*

ANSC 270-080

Honors: Biotechnology: Science and Socio-Economic Issues (3)

Lesa Griffiths and Sherry Kitto

Introduction to agricultural biotechnology and socio-economic issues. Introduces genetic engineering and the basic scientific theory of biotechnology in animal, plant, food, and economic research and the latest application of biotechnology in agriculture production and research. Presents issues surrounding biotechnology-risk and technology assessment, animal rights, public and private research interface, media and environmental perspectives, consumer acceptance, regulation and economic development. Honors students are trained as peer tutors to facilitate problem-based learning exercises. *Meets with regular section; separate Honors discussion. Cross-listed with FREC 270-080 and PLSC 270-080.*

ANSC 300-080

Honors: Principles of Animal and Plant Genetics (3)

Carl Schmidt

An introduction to the theory and principles of genetics to improvement of animals and plants. Honors section will provide in-depth study of contemporary molecular genetics and its application for analysis and manipulation of plant and animal genomes. Current literature in the field will be discussed and used to elucidate basic principles of genetics. *Cross-listed with ENWC 300-080 and PLSC 300-080. Prerequisite: ANSC 101 and 140, or PLSC 101. Meets with regular section; separate Honors discussion.*

Anthropology (ANTH)

ANTH 101-080

Honors: Introduction to Social and Cultural Anthropology (3)

Jill Neitzel

An introduction to the major ideas and areas of study in social and cultural anthropology today. Use of ethnographic data and film to illustrate the anthropologist's view of societies in their sociocultural and ecological dimensions. *Satisfies multicultural requirement.*

ANTH 104-080

Honors: Introduction to Archaeological and Biological Anthropology (3)

Thomas Rocek

The fossil and archaeological record of human biological and cultural evolutions. Emphasis is how archaeological and biological anthropological research are conducted, and how their treatment of data distinguish them as scientific disciplines. *Restriction: Cannot earn credit for ANTH 102 or 103 if this course is taken. Meets with a regular section.*

ANTH 105-080

Honors: Introduction to Historical Archaeology (3)

LuAnn De Cunzo

Introduces principal ideas, approaches, and research methods in historical archaeology. Presented through a comparative case study of the emergence of the modern world. *Meets with a regular section.*

ANTH 202-080**Honors: Human Evolution and Fossil Record (3)****Graciela Cabana**

A survey of the human fossil record from the origin of the human species to the establishment of agriculture. Includes evolutionary theory, anatomical interpretation, and reconstruction of early social behavior. *Meets with a regular section.*

ANTH 300-080**Honors: Primatology (3)****Graciela Cabana**

A survey of the nonhuman primates, including their taxonomy and biological characteristics, and the study of their behavior and how it relates to human behavior. *Meets with a regular section.*

ANTH 324-080**Honors: Old World Archaeology (3)****Thomas Rocek**

A survey of world history, excluding the Americas, from the earliest evidence of human activity until the rise of civilizations with particular emphasis on technological, economic, and social change. *Meets with a regular section. Satisfies multicultural requirement.*

ANTH 363-080**Honors: Women in Cross-Cultural Perspectives (3)****Donna Budani**

(For course description, see WOMS 363-080.)

ANTH 367-080**Honors: Historical Archaeology of American Battlefields (3)****David Orr**

This course represents the material culture interpretation of selected historical conflicts with an emphasis on the American war sites. A diverse assemblage of topics will be addressed, including the traumatic effect of military occupation, the experience of a broad spectrum of social and ethnic groups in battle, and the material evidence of armed struggle. Besides the Civil War, some interpretation will be given from a material culture perspective of the wars of the twentieth century as well. The commonality of behavior by individuals subjected to war will be emphasized. *Meets*

with a regular section.

ANTH 390-080**Honors Colloquium: Us and the Other (3)****Donna Budani**

(See course description under Honors Colloquia.)

ANTH 390-081**Honors Colloquium: Interpreting the Past (3)****Jill Neitzel**

(See course description under Honors Colloquia.)

Arts and Science (ARSC)

ARSC 316-080**Honors: Peer Tutoring/ Advanced Composition (3)****Nancy Buffington**

ARSC 316 is an advanced course in writing and 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 written projects. Emphasis will be placed on preparing students to help their peers on a variety of writing projects (argument, research, personal, narrative, and so on) and at many stages of the writing process. Next year (fall 2003), students who complete this course with a B+ or higher will have the option of working as peer tutors in the UHP Writing Fellows Program. *Satisfies A&S Second Writing Requirement for students with junior or senior status. Cross-listed with ENGL 316-080.*

ARSC 367-080**Honors: Gay and Lesbian Film (3)****Richard E. Holland**

This course will explore gay and lesbian issues represented in film from 1980 to present. An analysis of major themes such as sexuality and gender, Hollywood heterosexism, sex versus sexuality, alternative families, and AIDS will be examined in the context of cinematic representation. *Meets with a regular section.*

Art (ART)

ART 315-080

Honors: Issues in Contemporary Art (3)

D. Lenoue

Examination of current issues of content and form; developments in technology; and social, political, and cultural issues affecting contemporary visual art and artists. *Restriction: Must have completed 60 credit hours.*

Art History (ARTH)

ARTH 154-080

Honors: Introduction to Art History II (3)

Mary Werth

Evolution of art, in its historical context, from the Renaissance through the Baroque, Rococo, Romantic, and Modern eras. *Meets with regular section; separate Honors discussion.*

ARTH 250-080

Honors: Rulers' Images: Augustus to Washington (3)

Lawrence Nees

Detailed study of works of art, and of literary and historical works, bearing upon rulers. Some of the texts and images studied will be portraits of the rulers studied, but some will be works of art commissioned by rulers and exhibiting self-image in the form of propaganda. Among those included will be Augustus, Constantine, William the Conqueror, Pope Julius II, Napoleon, and George Washington. Students will write a critical essay based upon their reading, and will write a term research paper in which they will discuss the image of a twentieth-century ruler. No prerequisites or restrictions. *Satisfies A&S Second Writing Requirement.*

ARTH 311-080

Honors: Renaissance Women, Society, and the Arts (3)

Linda Pellecchia

Focuses on the role of women in Italian art and society from 1300-1650. Interdisciplinary and feminist readings emphasize a variety of approaches. Topics include gender and power;

women as patrons; female eroticism and mysticism; the masculine vision of ideal beauty; women writers and their complaints; nuns, prostitutes, and saints. *Satisfies Arts & Science second writing requirement. Cross-listed with WOMS 311-080. Meets with a regular section.*

ARTH 318-080

Honors: History of Photography (3)

Stephen Petersen

From the earliest uses of the camera to contemporary digital imagery, this course surveys the history of photography, focusing on changing photographic technologies, theories of photography, and debates about photography as art. Periodically throughout the semester we will meet in the study room of the University Gallery, where we will have the opportunity to view examples from the University's outstanding collection of 19th- and early-20th-century photography.

Biological Sciences (BISC)

BISC 208

Honors: Introductory Biology II (4)

Prerequisite: BISC 207. Corequisites: 2nd-semester General Chemistry

Sections 080 and 083: Steven Skopik

The focus is on organisms and higher levels of organization. Topics include plant and animal structure and function, populations, communities, and ecosystems. This section uses the traditional lecture format. The laboratory focuses on the process of science with qualitative and quantitative observation, supported by a substantial use of computers and electronic probes.

Section 081: Robert Hodson

The synthesis approach of molecules to ecosystems is used in the study of basic biological facts and concepts. The focus is on organisms and higher levels of organization. Topics include plant structure and function, animal structure and function, populations, communities, and ecosystems. The classroom uses both individual and collaborative learning methods within a discussion format supplemented by mini-lecture. The

laboratory focuses on the process of science with qualitative and quantitative observation supported by a substantial use of computers and electronic probes.

Section 082: Linda Dion

Plant and animal physiology, as well as ecology, are covered in this introductory biology course for science majors. The course will be run similarly to BISC 207-081 (02F). Students will cover one topic per week from the above general categories. Two of three classes per week will be used for class discussion or lecture on the topic; the third will be devoted to problem-based group learning, where a real-life problem must be analyzed within the context of material learned in the course, but usually focusing on the week's topic. Laboratory will include plant and animal diversity and physiology.

BISC 306-080

Honors: General Physiology (3)

Deborah Allen

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

BISC 401-080

Honors: Molecular Biology of the Cell (3)

Florence Schmieg

The course covers a variety of topics in eukaryotic molecular cell biology including DNA structure and replication, protein structure and synthesis, mechanism and regulation of gene expression, signal transduction pathways and specialized topics such as cell-cycle regulation, apoptosis and cancer. The class meets for a combined lecture-problem based learning-discussion session three times a week. In addition to traditional lectures students will work in cooperative groups solving complex problems related to molecular biology and will make oral, written, or poster presentations of their results. *Prerequisites: BISC 207 and one semester of organic chemistry.*

BISC 403-082

Honors: Genetic and Evolutionary Biology (4)

David Sheppard

Lectures present a historical survey of the experimental work that establishes modern genetic and evolutionary theory, including: Mendelian inheritance, linkage, chromosomal aberrations, regulation of gene expression, recombinant DNA techniques and genome analysis, and population genetics, along with discussions of current research topics such as disease analysis, gene therapy, knockout mice, biological clocks, and the genetic base of aging. *Prerequisite: BISC 207 and one semester of organic chemistry.*

Business Administration (BUAD)

BUAD 309-080

Honors: Management and Organizational Behavior (3)

Diane Ferry

Managers make things happen! Individual and group projects and cases will provide active learning opportunities as we study the process of getting things done through people. Activities this term will include learning some of the Ropes to Skip and the Ropes to Know. *Restriction: Open to juniors and seniors whose major requires the course.*

Chemical Engineering (CHEG)

CHEG 112-080 and -081

Honors: Introduction to Chemical Engineering (3)

Dionisios Vlachos

This course examines the development of quantitative mathematical models for a variety of physical systems, using appropriate conservation laws and available experimental data. Particular emphasis will be placed on the analysis of mass transfer processes and chemical reaction kinetics, including the design of idealized chemical reactors. The critical concepts and approaches to engineering analysis will be stressed throughout the course. Students in the Honors sections will be introduced to modern computational software packages, which will be used to solve a variety of

complex and realistic chemical engineering problems. These software tools provide an extraordinarily powerful approach for chemical engineering analysis using symbolic, numerical, and graphical techniques. This will allow students to examine a much broader range of chemical engineering problems, while providing an introduction to computational tools that will be invaluable throughout the chemical engineering program. *Corequisite: MATH 243. Meets with regular sections. An additional hour to be arranged for both Honors sections.*

Chemistry & Biochemistry (CHEM)

CHEM 104-080 and -081

Honors: General Chemistry (4)

Susan Groh

CHEM 104H focuses on the behavior of chemical systems. Topics addressed include: solution chemistry, chemical kinetics, equilibrium systems (especially acid-base and solubility equilibria), thermodynamics, and electrochemistry. CHEM 104H is aimed at students who are non-chemistry science majors. The course is centered around active, cooperative, and problem-based learning, supplemented by mini-lectures and discussions; you'll find yourself often working together with a small group of classmates to seek out the unknowns in a problem, discussing those issues and learning more about them, and suggesting solutions. The laboratory portion of the course provides "hands-on" experience to complement and reinforce the concepts arising in class. Enroll separately for both a lab and lecture section. *Note: CHEM 104, sections 080-081, will be examined on common dates: Thursday, March 13, April 24, and May 15, from 5:00 to 7:00 P.M. No exceptions will be made. Students must enroll in one of the following LECTURE sections—080 or 081—AND enroll in one of the following LAB sections—082, 083, or 084. Prerequisite: CHEM 103.*

CHEM 112-080 and -081

Honors: General Chemistry (3)

Burnaby Munson

A continuation of CHEM 111, this lecture course is for biochemistry, chemical and environmental engineering, and chemistry majors. Weekly quizzes and demonstrations; two exams, and a final. Topics covered: chemical reactions and solvent systems; coordination chemistry; condensed phases; organic nomenclature and a few reactions; thermodynamics and electrochemistry; chemical kinetics; nuclear chemistry. **Enroll in one of the following lecture sections—Section 080 or -081—AND one of these problem sessions—Section -082, -083, or -084. Prerequisite: CHEM 111.**

CHEM 120-080

Honors: Quantitative Chemistry II (3)

Burnaby Munson

A continuation of Honors CHEM 119. Topics include equilibria for polyprotic acids, complexometric equilibria and titrations with EDTA, spectrophotometry, oxidation/reduction equilibria and titrations, chemical separations, and chromatography. Calculator skills essential. Maple, Mathcad, or Excel will be used. Quizzes, homework, and final exam. Laboratory experiments include individual and group projects. Laboratory grade based on precision and accuracy of results. **Must also register for laboratory section, CHEM 120-081 or CHEM 120-082. Prerequisite: CHEM 119. Corequisite: CHEM 112.**

CHEM 332-080

Honors: Organic Chemistry (3)

Joseph Fox

Enrollment by permission of instructor. Participants will read at least one article of their own choosing from the chemical literature each week and write a half-page report on it. The Friday discussion class will be devoted to students reporting on the article that they read for that week. Participants can expect to present 2-3 times in the course of the semester. *Prerequisite: Must have at least a B in CHEM 331. Corequisite: CHEM 334. Meets with regular section; separate Honors discussion.*

CHEM 334-080

Honors: Organic Chemistry Majors Lab II

(2)

Joseph Fox

Enrollment by permission of the instructor. Instead of taking the regular classroom laboratory, CHEM 334H students will do independent research either during winter term or during the spring semester. Experiments will involve the syntheses, purification, and characterization of organic compounds. Some inorganic, physical organic, or biochemical experiments may be involved. Students will spend 8-10 hours a week in the lab spring semester, 15-20 hours per week winter term. *Prerequisite: CHEM 333. Corequisite: CHEM 332.*

CHEM 444-080

Honors: Physical Chemistry II (3)

Douglas Ridge

Continuation of CHEM 443. This course will cover three main areas: transport properties, chemical kinetics, and quantum mechanics. These areas exemplify the ways in which modern theory can relate observable chemical behavior to events on the molecular scale. Classes will be somewhat less structured and more open to questions and discussion than the regular class. Students should expect to do independent work to extend the material covered in the text. *Prerequisite: CHEM 112 and 119 or CHEM 104, MATH 242 (MATH 243 recommended), PHYS 208 (recommended) or PHYS 202. Recommended corequisite: CHEM 446. Restrictions: CHEM 419 and CHEM 444 cannot both be counted toward graduation.*

CHEM 446-080

Honors: Physical Chemistry Lab II (1)

Cecil Dybowski

Enrollment by permission of instructor. Students may do independent research with faculty or work on design of new experiments for Physical Chemistry Laboratory. Work may be done either in Winter Session (15-20 hrs/week) or in spring semester (8-10 hrs/week). A report on the work must be presented. *Prerequisite: CHEM 120 or CHEM 220 and 221. To be taken concurrently with or subsequent to CHEM 419 or CHEM 444.*

CHEM 458-080

Honors: Inorganic Chemistry Lab (1)

Susan Groh

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. If you are interested in this option, you 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, etc.). Together, you and your faculty mentor will decide on a project and lab schedule. *Corequisite: CHEM 457. Open to majors only.*

CHINESE (CHIN)

CHIN 105-080

Honors: Mandarin Chinese I: Elementary (4)

Zhiyin Dong

This course provides a basic training in Mandarin Chinese in the four language skills: speaking, listening, reading, and writing. It aims to help students achieve an elementary level of proficiency in Chinese character writing, pronunciation (Pinyin Romanization), basic reading, and basic daily conversation, covering topics such as: greetings, introduction/self-introductions, family and hobbies, asking for information, making appointments, making phone calls, telling time and dates. By the end of the semester, students should have a command of approximately 270 characters and phrases for communicative purposes. *Meets with a regular section.*

CHIN 106-080

Honors: Mandarin Chinese II--Elementary/Intermediate (4)

Jianguo Chen

This course continues the study of Mandarin Chinese by further emphasizing all four language skills of listening, speaking, reading, and writing through drills, dialogues, scenarios, and situations. In this course, students will be able to gain proficiency in grammar, conversation and listening comprehension, and reading and writing skills. By the end of the semester students should

be able to use, based on what they have learned in CHIN 105, approximately another 270 Chinese characters or phrases and will have achieved an elementary/intermediate level of proficiency in Chinese for daily conversation. *Prerequisite: CHIN 105. Meets with a regular section.*

CHIN 107-080

Honors: Mandarin Chinese III---Intermediate (4)

Jianguo Chen

A continuation of CHIN 106. By the end of the semester, students should be able to use, based on what they have learned in CHIN 106, approximately another 280 Chinese characters or phrases and will have achieved an intermediate level of proficiency in Chinese for daily conversation. *Prerequisite: CHIN106. Meets with a regular section.*

Computer & Information Science (CISC)

CISC 181-080 and -081

Honors: Introduction to Computer Science (3)

John Sullivan

Principles of computer science illustrated and applied through programming in the object-oriented language C++. Programming projects illustrate computational problems, styles, and issues that arise in computer systems development and in all application areas of computation. *Prerequisite: CISC 105 or equivalent programming experience in a high-level language. Corequisite: MATH 115, 117, 171, 221, or 241.*

CISC 220-080

Honors: Data Structures (3)

STAFF

Review of data type abstraction, recursion, arrays, stacks, queues, multiple stacks and linked lists. Emphasis on dynamic storage management, garbage collection, tree, graphs, tables, sorting and searching. *Prerequisite: CISC 181 or CISC 120. Corequisite: MATH 210 or 241.*

Consumer Studies (CNST)

CNST 100-080

Honors: Leadership, Integrity, and Change (3)

James Morrison

Introduces students to concepts and theories of leadership to help them develop the skills essential to becoming leaders in the workplace, community, and society. Students are required to complete a scholarly paper with an accompanying oral presentation addressing current global issues as they impact upon leadership effectiveness. *Meets with a regular section.*

CNST 114-080

Honors: Clothing in Contemporary Society (3)

Karen Ciotti

Introduction to the study of clothing, including social/psychological influences in personal clothing choice and basic concepts of fashion. Structure and operation of the apparel industry, elements of apparel quality, and retailing of clothing. *Meets with a regular section.*

CNST 211-080

Honors: Apparel Product Development (3)

J. Singer

Basic clothing construction procedures, fitting techniques, and methods of evaluation for apparel. *Restrictions: For students with limited or no construction experience. Credit cannot count for both CNST 211 and CNST 221 except for apparel design majors. Meets with a regular section.*

CNST 215-080

Honors: Fundamentals of Textiles I (3)

Frances Mayhew

Fundamental concepts related to textile materials. Emphasis on structure/property relationships in fibers and yarns. Includes standards and testing. Students enrolled in the Honors section of CNST 215 will participate in a laboratory experience in fiber identification. They will use analytical light microscopy to view longitudinal and cross-sectional morphology of fibers, burning samples to observe thermal properties, and learning

chemical treatments to discern solubilities and other indicators of fibrous materials. Samples of specialty fibers, not available to the regular class registrants, will be analyzed by Honors students. *Prerequisite: CNST 114 or 211/221 and CHEM 102. Meets with regular section.*

CNST 220-080

Honors: Fundamentals of Textiles II (3)

Rosetta Lafleur

Fundamental concepts of textile materials emphasizing structure/property relationships in cloth forms and finishing processes (including dye and print application); standards, laws, and regulations. The second course of a textile sequence. Honors students will use computer applications to develop simulations of fabric structures and designs for selected consumer products. Printouts of the simulations will be organized in a visual presentation targeted to specific markets. *Prerequisite: CNST 215. Meets with a regular section.*

Communication (COMM)

COMM 245-080

Honors: Mass Communication and Culture (3)

Elizabeth Perse and Nancy Signorelli

An overview of the structure and processes of mass communication in the United States. Focus is on the historical and technical development of print, film, radio, television, and the newer television technologies. Topics include the various legal, economic, and political constraints on the production of media content, the functions that media serve for society and individuals, and the content and effects of the mass media. Discussion about controversial media-related issues.

COMM 417-080

Honors: Communication and Management of Conflict (3)

Scott Caplan

An overview of communication and the conflict process in face-to-face interaction. Emphasis on theories concerning the structure, analysis, and management of conflict situations. *Meets with a*

regular section. Only open to senior majors earning an Honors Degree.

COMM 444-080

Honors: Global Agenda: Spies, Lies, and Sneaky Guys: Espionage and Intelligence (3)

Ralph Begleiter

(See POSC 444-080 for course description.)

Criminal Justice (CRJU)

CRJU 202-080

Honors: Problems of Criminal Judiciary (3)

Eric Rise

Is plea bargaining unethical? Do crime victims have rights? Is the jury system outmoded? Does the adversary process obscure the truth? These are just some of the issues we will examine as we learn about the role of courts in the American criminal justice system. The course will focus on the participants in the judicial process—judges, prosecutors, defense attorneys, defendants, and victims—and the stages of the criminal process from arrest through sentencing. Throughout the semester we will assess contemporary debates about criminal justice policy as they affect the criminal courts. *Meets with a regular section; separate Honors discussion.*

CRJU 446-080

Honors: Judging the Jury (3)

Valerie Hans

The jury plays a central but controversial role in the American legal system. Praised by some as a bulwark of freedom and democracy, it is criticized by others as incompetent, unpredictable, and biased. This course examines and evaluates these claims about the institution of the jury, drawing on the work of legal scholars and social scientists. Students will also conduct group research projects on jury decision making. By undertaking research on the jury and studying legal and empirical scholarship, students should develop insights into policy debates over the jury's role.

Science and Culture (CSCC)

CSCC 246-080**Honors: Philosophical Perspectives of Medicine (3)****Paul Durbin**

Problem-based learning (PBL) course in which students educate themselves and one another in small groups. Using classical cases in biomedical ethics, issues of scientific validity and social/political dimensions of health care today are also raised. Grading based on group participation and a final paper. *Cross-listed with PHIL 246-080.*

CSCC 382-080**Honors: History of Western Medicine (3)****Carole Haber**

Social and cultural forces that have influenced the development of modern medicine, with particular focus upon America. The course will examine changing patterns of disease and illness, the social response to disease, the development of the medical profession, and the rise of health care institutions. It will focus especially on how medicine and medical ideas are used to determine cultural ideas of health and proper behavior. Honors students will meet an additional hour every two weeks and examine the belief systems of those who influenced medicine and were shaped by its belief system. Three tests and a paper are required. *Crosslisted with HIST 382-080. Meets with a regular section.*

Economics (ECON)**ECON 151****Honors: Introduction to Microeconomics (3)****Section 080: William Latham****Section 081: John Ying**

The course introduces supply and demand concepts with basic graphical tools of economic analysis. Models of perfect and imperfect competition help examine the determination of product price and quantities. Also considered are current microeconomic issues such as the effect of government regulation and environmental problems. *Corequisite: MATH 114 or 115.*

ECON 152**Honors: Introduction to Macroeconomics (3)****Sections 080 and -081: David Black****Section 082:****Stacie Beck****Section 083:****Eleanor Craig**

This course analyzes the determination of unemployment, inflation, national income, and policy issues relating to how the government alters unemployment, inflation, and economic growth through control of government spending, taxes and the money supply. Current issues, such as those relating to the current recession in the United States, Federal Reserve monetary policy, and the impact of tax and spending measures resulting from the events of September 11, are used to illustrate the analysis. *Prerequisite: ECON 151.*

ECON 300-080**Honors: Intermediate Microeconomic Theory (3)****Michael Arnold**

This course extends microeconomic concepts introduced in Economics 151 using graphical and algebraic models. It provides a basic but thorough understanding of consumer and firm behavior that serves as a foundation for further study in the fields of economics and business. The course begins with theoretical models of consumer choice and demand, and of firm production and costs. These models are then combined to analyze various types of competition and to illustrate how microeconomic theory can be used to predict and explain how markets operate. This course can be used to satisfy the ECON301 Honors section requirement for those pursuing the BS Honors Degree in Economics. *Prerequisite: ECON 151. Restrictions: Credit can be earned for only one of these courses: ECON 251, ECON 300, and ECON 301.*

ECON 340-080**Honors: International Economics (3)****Eleanor Craig**

This course provides the tools to analyze issues in international trade and finance. We review international trade theories that attempt to explain the pattern of trade in goods and its welfare implications. We also look at current barriers to international trade and how government policy affects trade. Next we consider trade in factors, in particular the growth of foreign direct investment. Then we focus on open-economy macroeconom-

ics, in particular exchange rate determination and exchange regime choice. We conclude by analyzing contemporary issues in globalization, namely regional agreements (e.g. NAFTA, MERCOSUR), trade and wages, currency crises and European integration. *Prerequisites: ECON 151 and 152.*

Educational Studies (EDUC)

EDUC 202-080

Honors: Human Development I: Grades K-4 (3)

Roberta Golinkoff

Introduces students to the major theories of human development, as well as to issues in the area of language development. Students will also tutor in the schools to gain clinical experience. *Meets with a regular section. Open to majors only.*

EDUC 203-080

Honors: Human Development II: Grades 5-8 (3)

Elizabeth Pemberton

Students will explore early adolescent development as it pertains to teaching in the middle school grades. Topics include physical, cognitive, social/emotional, and language development, and problems in development. All students will observe/tutor a child in local middle schools. Honors students meet bi-weekly to discuss articles relevant to topics in the class. *Meets with a regular section. Open to majors only.*

EDUC 258-080

Honors: Cultural Diversity, Schooling, and the Teacher (3)

H. Pleasants

This course examines the variety of approaches to multicultural education. In addition, it discusses the dynamics of race, ethnicity, gender, class, and sexuality in public schools. *Satisfies multicultural requirement. Meets with a regular section. Open to majors only. Must be available for a practicum 2 nights per week from 5-8 p.m. on MTW and/or R.*

The following two upper-division EDUC courses, open only to EDUC majors, may be taken for Honors credit:

EDUC 310-080

Honors: Reading and Writing: Primary Grades (3)

EDUC 390-080

Honors: Instructional Strategies and Reflective Practice (3)

EDUC 391-080

Honors Colloquium: Shakespeare's Classical World

Jan Blits

(See course description under Honors First-Year Colloquia)

EDUC 391-081

Honors Colloquium: Culture, Counterculture, and Multiculture (3)

Jan Blits

(See course description under Honors First-Year Colloquia.)

EDUC 391-082

Honors Colloquium: Intelligence in Everyday Life (3)

(See course description under Honors First-Year Colloquia)

EDUC 451-080

Honors: Educational Assessment for Classroom Teachers (3)

Linda S. Gottfredson

This course reviews the controversy over, and advantages and limitations of, different kinds of classroom assessment. Participants learn how to create and evaluate their own classroom tests, and how to interpret scores on the sorts of standardized tests that schools and government frequently administer to students. The Honors section meets with the regular section, but also has a separate weekly discussion with the instructor. Instead of taking the final, participants develop projects of their own choosing, which they present to the class as a whole. Presentations in past semesters have involved, for instance, class debates, guest speakers, interviews with teachers, and surveys of

high school students' reactions to standardized tests. *Meets with regular section; separate Honors discussion.*

EDUC 462-080

Honors: Language Acquisition (4)

Roberta Golinkoff

This four-credit course provides students with a number of unique experiences that they do not get in other courses. Students work in the Infant Language Project as part of their course requirements, learning about research from the ground up. They prepare the lab for testing, administer the tests to the babies and toddlers, help set up the appointments, code the data, and in general become a member of Dr. Golinkoff's research team. In addition, the lively class is conducted like a seminar, with the instructor encouraging the students to discuss the readings together. Sometimes students continue to work with Dr. Golinkoff after the class ends. *Cross-listed with LING 462-080 and PSYC 462-080. Meets with a regular and 600-level section.*

English (ENGL)

ENGL 110

Honors: Critical Reading and Writing (3)

Section 080

Business as Usual

Ed Hodges

This course will study business and the people who make it run. Our timeframe will run from the advent of the assembly line to today's e-businesses. We'll look at the literature of business. Authors will range from Maslow to Drucker to Jack Welsh. One of our most important texts will be the *Wall Street Journal*. We'll discuss the position of business in American life and in the world. What did it mean to be a businessperson in 1950 and what does it mean today? What are business ethics? Have they changed over the last 50 years? We'll analyze the phenomena of "downsizing" and "rightsizing" and how it works in theory as well as practice. In addition, we will try to define what constitutes a corporation's "culture" and how that may affect its success or

failure in the marketplace. And what about diversity? What is it and how has it impacted American business? Above all, we will be fluid in our approach: we'll study, analyze, and explore current issues in business. Students will prepare 3-4 response papers and one 6-10-page research paper.

Section 081

Rebels With and Without Causes

Jennifer Levi

Since "The Declaration of Independence" presented the new America as a nation in which the people had not only the power but the obligation to "alter or to abolish" any government that threatened our "inalienable rights," rebellion has been fundamental to our understanding of self and nation. In this course, we will focus on the disparate "rebellion narratives" of movements and individuals that have marked American social and cultural history, ranging from Thoreau to Hunter S. Thompson, and from The Black Panther Party to Marilyn Manson. Traditional and non-traditional assignments, including an in-class debate, two critical essays, and a more extensive research project, will allow you to explore the issues raised in class and relate them to your experiences with rebellion.

Section 082

Sports in American Literature

John Jebb

Many of America's most renowned authors were enthusiastic fans of sports and the outdoors and used athletics as primary features in their works. So this course will use athletic issues as a means of entrance into some great American writing. Authors include big names such as Ring Lardner and Ernest Hemingway and other quality writers such as Frank Deford (of *Sports Illustrated*), Dick Schaap, and Jon Krakauer. That is, we will move among the fiction of recognized masters and the essays from a collection of the century's best American sportswriting. We will use these works to discuss issues such as the value of the wilderness, the importance of individual achievement, team psychology, coaching, athletics in the minority community, differences between male and female athletes (and coaches), and more. The writing assignments will allow you to explore

some of these issues as they are treated in our works and to augment what our authors say with your own experiences as fans, readers, and athletes. The research project will focus on issues within athletics.

Section 083

Speaking for America: Languages of Public Discourse

Bruce Heggen

Pundits complained that in the last presidential election the two major party platforms sounded more alike than different. And now, in light of the threat of terrorism there is a call for a "unified American voice" that defends both national security and democracy and "open systems." Yet the public forum remains rife with both strident criticisms and angry defenses of the policies of the current administration. The truth is that America, rather than having "one common voice," is made up of people with different histories, concerns, and commitments. This course studies the nature of public discourse by reading and analyzing Abraham Lincoln's "Second Inaugural Address," books and essays by Richard Rodriguez, bell hooks, Wendell Berry, and Jean Bethke Elshtain, and occasional editorials, recent "op ed" pieces and articles published in major newspapers and journals of opinion. And we will practice public discourse through discussion, classroom presentation, and writing and revising editorials, letters to editors, "op ed" pieces, book reviews, and a research paper.

Section 084

Coming of Age in the 20th Century

Patricia Magee

In this course we will examine many issues related to growing up: parent-child relationships, sexual identity, religious and philosophical growth, romantic attachments, friendships, and career choices, to name a few. Readings will include four novels, as well as several short stories and poems. Students will write two critical essays, a research paper, and five short response papers. Pop reading quizzes and class discussions inspired by response papers will be a fundamental part of the course, so students should be prepared for dynamic teacher-student interaction rather than lectures. Novels: *Cold Sassy Tree*,

Angela's Ashes, *The Joy Luck Club*, *Girl Talk*, and *She's Come Undone*.

Section 085

All in a Day

Dee Baer

Can one ever comprehend the meaning of a single day? Utilizing the general concept of the "day" as a framework for reading and writing, we will begin the semester by investigating how humankind came to create the 24-hour day and continue by imagining alternatives. As the semester progresses, we will explore and write about many kinds of days (such as personal days; typical days in which little *seems* to happen; "virtual" days; fabricated, idealized days; historically significant days; composite days). Students will engage in all phases of writing as they describe, define, narrate, summarize, compare, evaluate, and argue about the days of their lives. Assignments include one longer and three shorter formal papers, several informal response papers, and an oral presentation. Readings may include *One Day in the Life of Ivan Denisovich* or *The Hours*; historic explorations excerpted from *Boorstein's The Discoverers: A History of Man's Search to Know His World and Himself*; Hersey's *Hiroshima* or Chomsky's *9-11*; contemporaneous newspapers and national publications reportage of significant dates and events; and the occasional myth or children's story.

Section 086

Composition and Improvisation: Writing About Music

Ray Peters

This course will explore writing about musical creativity. We will begin by studying the creative process of major composers (Bach, Beethoven, Ives, Stravinsky, Bartok, Cage, Ellington, Miles Davis, Mingus, Sondheim, etc.) and songwriters (Irving Berlin, Cole Porter, Robert Johnson, Woody Guthrie, Hank Williams, Bob Dylan, John Lennon, Paul McCartney, Randy Newman, etc.). We will also read Geoff Dyer's *But Beautiful: A Book about Jazz* and a number of poems addressing musical themes. In addition, we will read a collection of the best music writing on rock, pop, jazz, and country during the past year. We will also listen to samples of the music under discus-

sion. Students will write brief response papers, critical reviews, analytical essays, and a research paper examining the creative process in the work of a composer or musician of their choice.

Section 087

Passionate Love, Violent Acts

Milena Davison

In the Western literary tradition, Eros is a dangerous god. In his name wars have been fought, kingdoms have been lost, families and friendships have been destroyed, much blood has been shed. The violence that so frequently accompanies passionate love may appear as a divinely sanctioned punishment or as an autonomous force directed against a rash or forbidden love. In other instances violence is the lovers' response to a genuine or imagined threat to their safety. It can also, perhaps most commonly, be a means of vengeance for a real or perceived betrayal of one lover by the other. In this class we trace the sex/violence link from ancient texts to a contemporary film or two. (The texts have been chosen for their literary excellence, popular appeal—most were in their day the equivalent of best sellers—and relative brevity, allowing us a wide representative sampling.) Readings include selections from the Hebrew Bible; Euripides' *Medea*; *Tristan and Iseult*; *Romeo and Juliet*; one Jacobean revenge tragedy; Merimee's *Carmen*; Williams' *Orpheus Descending*. The format of the course is mainly discussion, and a close reading of the texts is consequently essential. We also devote significant class time and individual conferences to considerations of effective analytical writing. Writing requirements: five short response papers, which may serve as points of departure for the three analytical essays and for the research paper.

Section 088

Verse and Universe: Science, Technology, and Contemporary Poetry

Ray Peters

This course will explore the role of imagination, discovery, and creativity in science, technology, and poetry by reading poets who have turned to science and technology for inspiration. Our starting point will be a famous statement by Albert Einstein, "Imagination is more important than knowledge. For while knowledge defines all we

currently know and understand, imagination points to all we might yet discover and create." We will read poems addressing a wide variety of topics, including the origin and evolution of the universe; the meaning of space and time; our relationship with stars, galaxies, black holes, planets, matter, and anti-matter; the role of medicine and medical technology responding to human suffering; the momentous force of geological change; the adaptability of nature; the complexity of genetics; the biochemistry of reason, emotion, and memory; the strangeness of quantum mechanics, the uncertainty principle, and string theory; the reason and purpose for zero, numbers, fractals, and algorithms; and the unique personalities of scientists. In addition, we will consider the tension between science and the humanities by reading Richard Dawkins recent book, *Unweaving the Rainbow: Science, Delusion, and the Appetite for Wonder*. Students will write brief response papers, critical reviews, analytical essays, and a research paper examining the role of science and technology in the work of a poet of their choice.

Section 089

Representations of Spirituality and Religion

Stefanie Herron

In this course we will examine various representations of spirituality and religion in a diverse sampling of creative nonfiction, exploring recurrent themes such as the tendency toward polarization of Eastern and Western practices. Students will compose four essays, including a researched essay, in addition to more informal writing tasks. We will approach writing as a process, with an emphasis on revision, and will consider what others' works can lend to our own writing and thinking. Readings will likely be Hermann Hesse's *Siddhartha*, Benjamin Hoff's *The Tao of Pooh*, and C. S. Lewis's *Mere Christianity*, as well as excerpts from Confucius's *The Analects* and Henry David Thoreau's *Walden*.

Section 090

America at War: Media Propaganda (Past and Present)

Barbara Gaal Lutz

Quickly: What comes to mind when someone says "war"? Battlefields? Fighter planes? Do you visualize civilians and soldiers dying or

“collateral damage”? Do you hear slogans and speeches or “sound bites”? Do you feel patriotic? Apprehensive? Angry? All the images and sounds that create your response to the news of war depend in large part on the mediums through which you have received your information. But who controls these mediums? For what purpose? And how can we distinguish disinformation from persuasion or legitimate claims? As we grapple with these questions, we will critically analyze the ways in which wars are packaged for the American public, and how we are expected to view America’s involvement in armed conflicts. As a class, we will use WWII as our focus, relying on visual (propaganda films, newsreels, and select feature films), auditory (music and radio broadcasts), and print media (posters, journalism, speeches, fiction) to deconstruct the media’s war propaganda. At the same time, we will use the insights of journalists and media analysts such as Phillip Knightley, Noam Chomsky, David Halberstam, and Edward S. Herman to guide our investigation. You will also expand your analysis of propaganda to an armed conflict that interests you; you will research, write about, and present your findings to the class in a panel presentation. Individual writing assignments will include written responses to the specified reading and viewing material used in the course, several short papers of analysis, and a final essay of argumentation. Some of our reading will be drawn from texts such as Huxley’s *Brave New World Revisited*; Knightley’s *The First Casualty*; and dispatches in *Reporting World War II: American Journalism 1938-1946*. Selected readings by George Orwell and John Steinbeck, as well as speeches by Charles Lindbergh, General Dwight D. Eisenhower, and President Franklin D. Roosevelt will also be discussed.

Section 091

Free at Last?

Claire McCabe

Slavery is a blight on U.S. history that has had far-reaching consequences for all Americans. In this course we will read and examine writings from the slave era including Harriet Beecher Stowe, *Uncle Tom’s Cabin*; *The Narrative Life of Frederick Douglass*; and Harriet Jacobs, *Incidents in the Life of a Slave Girl*. We will also

read selections from Cather’s *Sapphira and the Slave Girl*; Alice Walker’s *The Color Purple*, and *The Autobiography of Malcolm X*. The course will also include selected contemporary essays on relevant topics and incorporate excerpts from relevant films. The class will further gain a sense of the era by taking at least one field trip to a site of the Underground Railroad in Delaware and/or Pennsylvania. The class will bring the readings to bear on discussions of contemporary and controversial issues that have resulted from our country’s past as a slave nation such as compensation for descendants of slaves, the study and use of Ebonics in schools, and the occurrence of hate crimes and white supremacy groups in America. The course will generate a variety of writing opportunities including journal responses, personal interviews with knowledgeable sources, analytical essays and reports, a comprehensive research paper, and personal narratives.

Upper-level Honors English Classes

ENGL 202-080

Honors: Biblical and Classical Literature (3) Philip Flynn

This course studies books of the Bible and works of Greek and Roman literature in their historical context and order. The readings are the books of Genesis, Exodus, 1 and 2 Samuel; Homer’s *Odyssey*; Aeschylus’s *Agamemnon*; Sophocles’ *Oedipus Rex* and *Antigone*; Virgil’s *Aeneid*; the Gospel According to Matthew, Acts of the Apostles, and Book of Revelation. We will visit the University of Pennsylvania’s Museum of Archaeology and Anthropology and view a film of a London production of *Agamemnon*. This is a course of lectures, with class discussion encouraged. Requirements include two papers, three exams, and regular class attendance. *Prerequisite: ENGL 110.*

ENGL 312-080

Honors: Written Communications in Business (3)

Ed Hodges

This course, intended primarily for juniors and seniors, examines the role of written communication in corporate decision making. Students write memos, letters, proposals, and reports that simu-

late on-the-job communication tasks; and are encouraged to use materials from their fields of specialization. There are team projects and observation/analysis of the communication process. Students also prepare resumes and cover letters and study the entire employment process, including interview preparation, asking and answering questions during the interview, post-interview behavior, negotiation, and acceptance/rejection of job offers. Particularly useful for those seeking summer internships and that all-important first job. *Prerequisite: ENGL 110 or exemption. Satisfies A&S second writing requirement. Open to students whose major requires the course.*

ENGL 316-080

Honors: Peer Tutoring/Advanced Composition (3)

Nancy J. Buffington

(For course description, see ARSC 316-080.)

ENGL 324-081

Honors: Shakespeare (3)

Julian Yates

The aim of this course is to introduce you to the range of Shakespeare's plays, the world in which he wrote, and the kinds of issues his writing confronts. Shakespeare the Man, the Myth, and the Icon will be our point of departure, and we will examine the curious presence he exerts on our lives and culture. Our reading of the plays themselves will focus on the image of community his plays envisage, focusing on what kinds of people are used to mark communal boundaries in Shakespearean drama. Taking the figure of the "cyborg"—part-human, part-machine but not quite a monster—from contemporary writings in science fiction and science studies as our model, we shall examine figures in Shakespearean drama that resist or redefine boundaries. Our aim this term, then, will be to read Shakespeare with an eye to the strange and the disturbing. We'll examine twentieth-century incarnations of the plays (film, as well as other media such as TV, comic-books, posters, etc) that attempt to recover the "strangeness" of Shakespeare that modern theater-going practices and the Shakespeare industry have made familiar in our culture. In addition to weekly writing assignments, reading quizzes, and one longer paper, there will be opportunities for

research on such topics as the Globe Theater, representations of Moors, Amazons, foreign travel, Italy, London, early modern medical knowledge, and film adaptations of plays. *Prerequisite: ENGL 110. Meets with regular section.*

ENGL 467-080

Honors Degree Seminar: Screenwriting (3)

Thomas Leitch

(For course description, see under Honors Degree Seminars in the first section of this booklet.)

ENGL 480-081

Honors: The Crescent, the Cross and Post-Modernism: Fiction From and About Islams (3)

Michael Cotsell

The course takes a critical look at the representation of Islams (many countries, many peoples) by both Islamic and American writers. It also includes attention to films and the media. Among the novelists and story writers we will be looking at are Nobel Prize winner Naguib Mahfouz, internationally-renowned Somalian Nuruddin Farah, Egyptian feminist Nawal El Saadawi, and Saudi radical Abdelrahman Munif. American fiction will be represented by Paul Bowles (the library owns a major collection of his writings) and Don De Lillo. The first part of the course will establish the long history of relations between the West (Christendom=the Cross) and Islam (the Crescent) and discuss its bearing on present conflicts. We will then consider the concept of orientalism elaborated by critic and theorist Edward Said. For the remainder of the course we will be looking at a fascinating variety of material about, among other places, Egypt, Bosnia, Saudi Arabia, Iraq, Somalia, Lebanon, and Algeria. The conflict between Israel and the Palestinians will of necessity be part of the subject, but is it not the main focus of the course. Expect to be fascinated and challenged. *Satisfies the Arts & Science second writing requirement. This course will also satisfy the senior capstone requirement for the Honors Degree or Honors Degree with Distinction if taken in one of the last two semesters before graduation. Meets with a regular section.*

ENGL 480-084

Honors: The Brontës: Fiction and Film (3)

Barbara Gates

This seminar will be devoted to fictional works by the Brontë family and to cinematic representations of the sisters and their work. Students will become acquainted with the Brontë novels, with biography and criticism of the Brontës, with Victorian contexts, and with the art of cinematic adaptation. Course requirements: attendance at all class periods and films; two papers; and one oral presentation. *Satisfies the Arts and Science second writing requirement. This course will satisfy the senior capstone requirement for the Honors Degree or Honors Degree with Distinction if taken in one of the last two semesters before graduation. Meets with a regular section.*

Entomology and Wildlife Conservation (ENWC)**ENWC 214-080****Honors: Apiology and Apiculture (2)****Dewey M. Caron**

A course about the honeybee. The first portion is bee biology with coverage of aspects such as social biology, pheromones, the honeybee nest, ecology, and communication, while the second portion is applied bee biology covering bee botany, management of colonies, pollination and problem-solving. Honors section meets for special extra session each week to plan major outreach activity (Ag Day display in late April) and to do hands-on bee biology. *Meets with regular section; separate Honors discussion.*

ENWC 300-080**Honors: Principles of Animal and Plant Genetics (3)****Carl Schmidt***(For course description see ANSC 300-080.)****Food Science (FOSC)*****FOSC 449-080****Honors: Food Biotechnology (4)****Rolf Joerger**

In the lecture section of the course, we will explore representative examples of biotechnology applications related to the production of foods.

We will study fermentation processes employed for the production of food ingredients and enzymes, and we will examine genetic engineering of plants and animals. Topics may include citric acid production by fungi, genetic engineering to generate rice containing vitamin A and salmon with altered growth characteristics. We will also address economic, social, and ethical questions related to the use of biotechnology for food production. Active learning strategies will incorporate individual and group assignments to analyze the science behind each process. Field trips will be offered. Honors students are expected to demonstrate the skill to explore assigned topics in greater depth and to make significant contributions to discussions in the classroom. *Meets with regular section during first month. Prerequisite: BISC 300, CHEM 214 or CHEM 527, or FOSS 439. Meets with 600-level course.*

Foreign Languages and Literatures (FLLT)**FLLT 322-080****Honors: In Love and War: Greek Tragedy (3)****Annette Giesecke**

The aim of this course is to introduce students to the origins of the theater and tragedy in the Western world. The course covers theatrical production and the development of the theater building, stages, and sets. Students will read works by all three of the most celebrated Greek tragedians, Aeschylus, Sophocles, and Euripides. Among the topics covered are: the role of divinity in human affairs, blood ties and their implication for the assumption of blood guilt, and the repercussions of adultery and incest. The themes of these plays will be explored employing a variety of approaches: historical, anthropological, psychological, and art historical. *Cross-listed with WOMS 322-080. Meets with a regular section.*

FLLT 338-080, -081, and -082**Honors: Light and Shadow—Japanese Films (3)****Lawrence Marceau**

Explore the world of the Japanese film! On Tuesday evenings, watch subtitled versions of some of

Japan's (and the world's) greatest films, including great works by such renowned directors as Kurosawa, Ozu, Mizoguchi, and Itami. The course will also introduce students to some of the most creative work by contemporary directors, and will feature Japanese animation (anime), which over the past decade has redefined for us the meaning of the "cartoon." Class sessions will focus on discussing the films viewed, in terms both of formal technical elements as well as from the perspective of their reception by audiences both in Japan and abroad. Honors students will view additional films by the directors we discuss in class and share their insights with the group. Prerequisite: none, but prior coursework in film and/or Japanese studies would help. *Satisfies multicultural requirement. Section 081 satisfies the Arts & Science Second Writing Requirement. Meets with a regular section.*

FLLT 360-080

Honors Colloquium: The Aesthetics of Horror (3)

Nancy Nobile

(For course description, see under Honors First-Year Colloquia.)

FLLT 367-080

Honors: Love-Death-Gender in Chinese Films (3)

Jianguo Chen

This course introduces students to the treatment of recurring themes in Chinese films such as love, death, and gender roles. Specifically, the course examines issues of passion (love and revenge), desire, sexuality, death and reincarnation, and masculinity and femininity. The course juxtaposes the above issues against such social expectations as duty (e.g., filial piety, loyalty to the state), politics, and nationalism. The cinematic representation of such themes is studied both from historical and contemporary perspectives. The course not only introduces students to Chinese culture and society through the cinematic medium, but also provides a knowledge of Chinese film aesthetics (cinematic language) and film making. The course has no prerequisites and requires no previous knowledge of Chinese culture. *Meets with a regular section.*

Food and Resource Economics (FREC)

FREC 270-080

Honors: Biotechnology: Science and Socio-Economic Issues (3)

Lesla Griffiths and Sherry Kitto

(For course description, see ANSC 270-080.)

French (FREN)

FREN 205

Honors: French Conversation (3)

Section 080: Mary Donaldson-Evans

This course is designed to help students improve their oral proficiency in French through discussion, debate, oral reports, and an on-going soap opera in which every student will have a role. Emphasis will be on vocabulary-building, and discussion will center on current events. Students will read articles from French newspapers and magazines and will view videoclips from current French broadcasts. A short (114 pp) novel in very accessible French by contemporary French author Annie Ernaux will also be read and discussed. *Prerequisite: a minimum grade of B in FREN 107, FREN 112, or a 200-level course. Meets with a regular section.*

Section 081: Deborah Steinberger

Improve your conversational skills as you learn about contemporary French culture and daily life. This course, conducted entirely in French, emphasizes discussions, debates, and oral presentations. Materials including textbook, newspaper and magazine articles, the Internet, films, videos, music, and audio will be used as a basis for group interaction and role play. Some grammar review may be included when needed. *Prerequisite: Students must have an overall GPA of 3.00 and a minimum grade of B in FREN 107, FREN 112, or a 200-level course. Meets with a regular section.*

FREN 211

Honors: French Reading and Composition (3)

Section 080:

Judy Celli

Section 081:

Flora Poindexter

Selected readings with discussion and analysis of French and Francophone short stories, grammar review, compositions, essays. Students will learn how to make close analyses of the short stories and how to develop skills for critical thinking about these texts beyond the level of plot and in conjunction with literary movements. Students will improve their reading fluency, write frequent compositions based on readings, and review other topics and grammar. The goal of this course is to increase your ability to read in French, to introduce you to literary movements and the analysis of a literary text, to refine your grammatical skills through the writing of compositions and an essay. *Prerequisite: FREN 200 (minimum grade of C) or FREN 107 (minimum grade of A-) or FREN 112 (minimum grade of A-). This course is required as a prerequisite for FREN 301 or 302. Meets with a regular section.*

FREN 267-080

Honors: French Conversation Through Films (3)

Lysette Hall

Did you know that two Frenchmen, les Frères Lumière, invented the art of filmmaking? Since then, French cinema has been one of the most innovative and flourishing in the world. This course will use French films to improve your speaking, understanding, writing and listening skills. Discussions, role-plays, presentations, as well as short writing assignments are featured, with grammar review as necessary. Some of the movies shown: *Amelie, Jean de Florette, Au Revoir les Enfants*. See http://www.udel.edu/flt/faculty/lysette/fren267/fren267_02S.html for more information. *Prerequisite: B in FREN 107 or any 200-level course. Meets with a regular section.*

FREN 301-080 and -081

Honors: Introduction to French Literature: Prose (3)

Anny Curtius

FREN 301 is intended to give students the tools with which to discuss French and Francophone (West and North Africa and the Caribbean) prose texts and essays from the seventeenth century through the twentieth. The course emphasizes analysis rather than synthesis, depth rather than

breadth. A bridge between language courses and more advanced literature courses, FREN 301 focuses not merely on plot and themes, but imagery, narrative strategies, and style. *Prerequisites: FREN 211 and any 200-level course taught in French. Meets with a regular section.*

FREN 302-080

Honors: Introduction to French Literature: Poetry and Theatre (3)

Deborah Steinberger

This course introduces students to some of the greatest works of French literature, from the Renaissance to the 20th century: poems by Ronsard, La Fontaine, Hugo, Baudelaire, Rimbaud, Valéry, classic plays by Molière and Racine. Close readings of the texts will enable students to enhance their critical skills as well as their enjoyment of literature. *Prerequisites: FREN 211 and any 200-level course taught in French. Meets with a regular section.*

FREN 314-080

Honors: French Phonetics (3)

Mary Donaldson-Evans

Do you hesitate to speak French because you're embarrassed about your accent? Does your French "r" need work? Do you trip over unfamiliar words? Then French Phonetics may be just the course you need. This course is designed to help you improve both your accent and your listening comprehension, while at the same time introducing you to the phonetic alphabet and to the basic rules of French pronunciation. There is ample opportunity for oral practice in the Media Center listening lab. Weekly quizzes. Honors students will make audio tapes and meet in a group with the professor in five diagnostic sessions spaced throughout the semester. *Prerequisites: any two 200-level French courses. Meets with a regular section.*

Geography (GEOG)

GEOG 203-080

Honors: Introduction to Cultural Geography (3)

Edmunds Bunkse

The study of place, landscape, nature, and human

nature in relation to culture. The course is organized in terms of two perspectives: (1) movement/change/discontinuity and (2) staying in place/stability/continuity. Among topics considered are geographic sensibilities in individuals versus geography as handmaiden of imperialism and state bureaucracies; the phenomenology and cultural impact of migration, exploration, travel, and tourism; sense of place; and perceptions of nature. While we draw examples and case studies from around the world, the course does not examine distributions of countries or cultures. *Meets with regular section, separate Honors discussion. Satisfies multicultural requirement.*

GEOG 390-080

Honors Colloquium: Home and Homelessness (3)

April Veness

(For course description see under Honors First-Year Colloquia.)

German (GRMN)

GRMN 255-080

Honors: Germany in the News (3)

Iris Katharina Busch

More than a decade after the fall of the Berlin Wall and the reunification of East and West Germany, what is going on in Germany? What are the Germans concerned about? What role does Germany play within the European Union? This course will get students to read, think, speak, and write about current events in Germany. Topics include all aspects of contemporary life as they are reflected in the media. *Prerequisite: any 200-level course taught in German. Meets with a regular section.*

Greek (GREK)

GREK 102-080

Honors: Elementary Ancient Greek II (3)

Annette Giesecke

The aim of this course is to acquaint the student with ancient Greek grammar (Attic, Ionic). Further readings in ancient Greek develop the stu-

dent's ability to translate ancient Greek. *Prerequisite: GREK 101. Meets with a regular section.*

GREK 214-080

Honors: Homer's *Odyssey IX* (3)

Nicolas Gross

Reading, translation, scanning, and interpreting Homeric Greek. *Satisfies Arts and Science language requirement. Prerequisite: GREK 213. Meets with a regular section.*

Health and Exercise Sciences (HESC)

HESC 220-080

Honors: Anatomy and Physiology (3)

David Barlow

Detailed structural features of human anatomy, stressing functional interrelationships and dynamic implications for tissues, organs, and systems of the complex Human Motor. Using a pyramidal approach, the instructor will establish a broad base, with emphasis upon the muscular, skeletal, circulatory, nervous, and respiratory systems. Understanding of essential anatomical and physiological concepts supporting human movement are stressed through lectures, computer based instruction, and laboratory examination of cadaver prosections. *Restriction: Open to majors only. Meets with a regular section.*

HESC 300-080

Honors: Issues in Physical Activity Studies and Sports (3)

James Kent

Compares professional issues and social forces to various philosophic systems. Examines personal beliefs, values, and assumptions for the purpose of developing and/or refining a professional philosophy and a professional plan of action. *Restriction: Open to junior and senior HESC majors only. Meets with regular section.*

HESC 305-080

Honors: Fundamentals of Athletic Training (3)

Keith A. Handling

This course introduces students to the major domains of athletic training/sports medicine: injury prevention, injury recognition evaluation, pathology of injury and repair, first aid and rehabilitation. Honors students will be required to attend weekly discussions with sports medicine professionals to expand on sports medicine topics presented in class. Advanced topics will include orthopedic evaluation, diagnostic tests, surgical procedures, rehabilitation protocols, and cadaver anatomy reviews. *Prerequisite: HESC 220. Meets with regular section; separate Honors discussion. Open to majors only.*

HESC 332-080

Honors: Health Behavior Theory and Assessment (3)

Elizabeth Orsega-Smith

This course will focus on basic principles of program designs, need-assessment skills, research and process skills, and an understanding health behavior theory and its application to program development. Students will relate health behavior theories to specific program designs, develop and conduct need assessments, and analyze need assessments. Honors students will develop a specific project relating to their health interest. *Open to majors only. Meets with a regular section.*

HESC 342-080

Honors: Survey in Adaptive Physical Education and Recreation (3)

Steven Goodwin

The course is designed to increase the student's knowledge, comfort, and ability to work with people with disabilities. Practical experiences of working with people with disabilities in a physically active environment are provided. Honors students are required to develop a program to provide a meaningful experience for local people with disabilities. *Meets with a regular section. Open to majors only.*

HESC 350-080

Honors: Basic Concepts in Kinesiology (3)

David Barlow

Kinesiology, defined as the scientific study of human movement, views the human body as a complex machine capable of performing work in accordance with the laws and principles of the

physical and biological sciences. The foundation for this investigation will focus on three major areas dealing with anatomy, physiology, and biomechanics. Integration of selected aspects from these sciences will be stressed in the formation of a systematic approach for the analysis of human motion during the performance of motor skills.

Prerequisite: HESC 220 or BISC 207. Open to majors only. Meets with a regular section.

HESC 400-080

Honors: Research Methods (3)

Nancy Getchell

The Honors section of this course provides the student with an opportunity for in-depth exploration of research on health and physical activity, including types of research, research design, matching appropriate statistical tools with research designs, research writing style and formatting, and ethical issues related to research. *Prerequisite: Junior or senior standing. STAT 200 with at least a C-. Restriction: majors only. Meets with a regular section.*

HESC 420-080

Honors: Functional Human Anatomy (4)

David Barlow

Students will be provided an opportunity for in-depth exploration of human anatomy by stressing anatomical individuality, functional significance, and human performance capabilities of the Human Motor. This will be accomplished by systemic and regional investigation of muscular, skeletal, and nervous systems requiring extensive laboratory cadaver dissection well supported by prosected human specimens, models, x-rays, dry biological materials, and other aids. *Prerequisite: HESC 220 or BISC 207 and permission of instructor. Open to majors only. Meets with a regular section.*

HESC 426-080

Honors: Biomechanics of Sport (4)

Christopher Knight

The Honors section of this course provides the student with an opportunity for in-depth exploration of the biomechanics of the human body at rest or in motion, including principles of statics and dynamics as applied to quantitative analysis of selected sport activities. *Restriction: open to*

majors only. Meets with a regular section.

The following upper-division HESC courses, open only to HESC majors, may be taken for Honors credit. Course descriptions may be found in the Undergraduate Catalog.

HESC 430-080
Honors: Physiology of Activity (3)
Robert Neeves

HESC 434-080
Honors: Exercise Test Technology (3)
Robert Neeves

HESC 464-080
Honors: Internship: Fitness Management (9)
Avron Abraham

HESC 464-081
Honors: Internship: Recreation (9)
Roger Spacht

HESC 464-082
Honors: Internship: Sports Management (9)
Matthew Robinson

HESC 465-080
Honors: Teaching Seminar in Health/Physical Education (3)
Lee Raymond

History (HIST)

HIST 101-080
Honors: Western Civilization to 1648 (3)
Lawrence Duggan
A superb survey tracing the social and cultural development of Western kind from antiquity to the conclusion of the wars of religion in the mid-17th century. Two hourly exams and a final. Honors students will meet separately with the professor weekly or biweekly as well. *Meets with a regular section.*

HIST 268-080

Honors: Seminar: Anonymous Americans (3)
Arwen Mohun

This course is an introduction to the literature and research methods of social history. Students will be asked to read and discuss a variety of books and articles that use social history research methods such as oral history, quantitative analysis, and reformers' reports to "write history from the bottom up." They will then be asked to write a 10-15-page paper about a social history topic of their choosing based on primary sources. *Restriction: Open only to history majors. Meets with a regular section.*

HIST 291-080
Honors: Women's History Through Film (1)
Marie Laberge
(See WOMS 291-080 for course description.)

HIST 344-080
Honors: Renaissance History (3)
Lawrence Duggan
Focuses on the principal achievements of the Renaissance—humanism and the visual arts—and their backdrop in the late Middle Ages, including the Black Death. Honors students will do additional work in learning different ways of reading a book and crafting a solid review of a book. *Meets with a regular section.*

HIST 352-080
Honors: Contemporary European Society (3)
David Shearer
A comprehensive survey and analysis of the evolution and structure of postwar society, with particular emphasis on current social and cultural developments. *Satisfies second writing requirement of the College of Arts & Science. Meets with a regular section.*

HIST 356-080
Honors: Modern European Intellectual History (3)
John Bernstein
An attempt to summarize the nature of the "crisis of values" in modern culture and the attempts to meet it from English Romanticism and German Classicism through to Existentialism. *Meets with a regular section.*

HIST 367-080**Honors: European Women's History, 1789-Present (3)****Cara Delay**

This course examines women's lives in Europe from the French Revolution to the late twentieth century. Through an analysis of social, economic, political, religious, and cultural developments, we will explore women's roles and the importance of gender in modern Europe. Topics covered include women's political action, gender and industrialization, women's writing, suffrage and feminism, sexuality and the state, and family life. We will read works by historians, primary source documents, and fiction, and students will work on a semester-long research project. Although there are no formal prerequisites for the course, some knowledge of European history is assumed. *Crosslisted with WOMS 367-080. Meets with a regular section.*

HIST 382-080**Honors: History of Western Medicine (3)****Carole Haber***(For course description see CSCC 382-080.)***HIST 475-080****Honors: Seminar: European History****David Shearer**

This is an in-depth research and writing seminar in Russian and Soviet history. Each student will select a research and writing topic, based on the student's interests and in consultation with the professor, and she or he will spend the semester reading in that topic. Students will work individually with the professor on their topics, but the class will also meet periodically for progress reports, discussion, and final presentations. In the course of the semester, each student will produce, in addition to class presentations, an outline, a draft, and a final version of a paper. Grades will be based in part on class presentations, but mostly on a final paper that will be approximately 25 pages in length. The course presumes at least a survey knowledge of Russian or Soviet history. Otherwise, permission of instructor is needed to participate. *Prerequisite: HIST 268. Majors only or by permission of instructor. Satisfies A&S second writing requirement. It also satisfies the*

senior capstone requirement for the Honors Degree or Honors Degree with Distinction if taken in one of the last two semesters before graduation. Meets with a regular section.

Hotel, Restaurant, and Institutional Management (HRIM)**HRIM 144-080****Honors: Hospitality Information Management: Networks and Systems (3)****Cihan Cobanoglu**

Examines network architectures that support hospitality and retail systems such as LANs, WANs, UNIX, and Internet-based networks. Students plan and define the supporting telecommunications and cable infrastructure needed to create data highways in today's hotels and retail operations, using workflow analysis to shape the flow of information. *Meets with a regular section.*

HRIM 180-080**Honors: Introduction to Hospitality (3)****Pamela Cummings**

Objectives within the industry, the means of achieving these objectives, and opportunities for career development. History of hospitality, current trends, and related issues. *Meets with a regular section. Open to freshmen and sophomores.*

HRIM 201-080**Honors: Food Principles (2)****Pamela Cummings**

Principles of food selection and preparations as related to the chemical and physical properties of food. Includes the composition and structure of foods, functional properties of ingredients, and methods to maintain desirable quality (sensory and nutritional) attributes of food. *Corequisite: HRIM 211. Open to HRIM majors only. Meets with a regular section.*

HRIM 217-080**Honors: Catering Management (3)****Nicole Bailey**

An overview of catering management, including catering menu planning, sales and marketing, on-premise vs off-premise catering, catering workforce, food production, and the future of the catering industry. A special project is required from

the Honors students and is assigned during class.
Meets with a regular section.

HRIM 230-080

Honors: Decision-Making Skills and Techniques (3)

George Conrade

Examines the decision-making process, tasks and styles, as well as factors that can complicate decision-making. Considers decision-making techniques and offers suggestions for building decision-making confidence. *Meets with a regular section.*

The following upper-division HRIM courses (all of which meet with a regular section) may be taken for Honors credit:

HRIM 320-080

Honors: Hotel, Restaurant, and General Food Service Purchasing (3)

Robert Nelson

HRIM 321-080

Honors: Quantity Food Service Management (2)

Robert Nelson

HRIM 346-080

Honors: Hospitality Web-Based Marketing (3)

Juline Mills

HRIM 380-080

Honors: Management of Lodging Operations (3)

Brian Miller

HRIM 381-080

Honors: Management of Food and Beverage Operations (3)

Brian Miller

HRIM 382-080

Honors: Managerial Accounting and Finance in the Hospitality Industry (3)

George Conrade

HRIM 444-080

Honors Junior Module: HRIM 380, 382, 480, 481, and 488 (15)

HRIM 480-080

Honors: Human Resources Management in the Hospitality Industry (3)

Ali Poorani

HRIM 481-080

Honors: Marketing in the Hospitality Industry (3)

Juline Mills

HRIM 482-080

Honors: Law of Innkeeping (3)

J. Williams

HRIM 487-080

Honors: Management Systems in the Hospitality Industry (3)

William Sullivan

Individual and Family Studies (IFST)

IFST 201-080

Honors: Life Span Development (3)

Robin Palkovitz

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. *Meets with a regular section.*

IFST 202-080

Honors: Foundations of Family Studies (3)

Bahira Sherif

The focus of this course is on the historical and contemporary developments and changes characterizing American families. There is a particular emphasis on the effects of globalization, cultural diversity, socio-economic factors, and ideological orientations with respect to present-day families. *Satisfies multicultural requirement. Meets with a regular section.*

IFST 235-080

Honors: Survey in Child and Family Services (3)

Ruth Fleury

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 able to explain current problems facing children and families, describe conceptually different approaches to intervening with families, and discuss how diversity among children, families, and communities affects service delivery. In addition,

every student will be involved in a field experience/group leadership project to learn more about child and family services. *Restriction: Open only to those students whose majors require IFST 235. Prerequisite: IFST 101. Meets with a regular section.*

IFST 422-080

Honors: Family Relationships (3)

Barbara Settles

Interpersonal relationships and problems in courtship, marriage, and the family in contemporary society. Course objectives include: understanding of current issues in theory and research used in the study of the family and the development of family policy; historical and current views of family process and functioning and awareness of multicultural and cross-cultural issues; and directions for the future trends in families important to family study and policy development. A multicultural or international component based upon a contract developed by the student and a paper that develops a prospectus for an experimental program or research in family studies for addressing a family issue in public policy. Students will be encouraged to choose a creative project related to family policy. International family policy materials will be available from the instructor's recent research in Europe. *Prerequisite: IFST 202. Meets with a regular section.*

Italian (ITAL)

ITAL 200-080

Honors: Italian Grammar Review (3)

Riccarda Saggese

This course, conducted entirely in Italian, intends to consolidate and improve language skills acquired by students in ITAL 100. 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. Students enrolled in the Honors section will (in addition to the regular course requirements) also be responsible for an oral presentation approximately halfway through the semester and a written composition at the end of the semester. *Prerequisite: ITAL 107. Meets with a*

regular section.

ITAL 305-080

Honors: Advanced Italian Conversation and Composition (3)

Gabriella Finizio

Even though you speak and write in Italian, you might feel uncomfortable among high-spirited Italians discussing some of their favorite topics—love, politics, and religion. This course will familiarize you with traditional and new patterns of Italian life and language through a multi-media presentation and practice. Italian newspapers, magazines, best sellers, TV programs, and movies are the texts used in this course. Oral and written assignments, including summaries, paraphrases, commentaries, interpretations, debates, among others, will enable you to "raise" your voice among Italian natives. *Prerequisite: ITAL 211 or 212. Meets with a regular section.*

ITAL 325-080

Honors: Italian Civilization and Culture (3)

Laura Salsini

A survey of the major cultural, social, and political developments in Italy from the time of the Etruscans to the present. Different accounts from history, literature, art, and cinema will weave a tapestry of Italian civilization. Taught in Italian. *Prerequisite: ITAL 211 or ITAL 212. Meets with a regular section.*

ITAL 455-080

Honors: 20th-Century Italian Literature (3)

Laura Salsini

This course examines contemporary Italian culture through some of the most popular and critically acclaimed works of the 20th century. Issues explored include relationships between men and women, familiar dynamics, the moral stagnation of the middle class, World War II, and the rise of a female voice. *Taught in Italian. Prerequisite: ITAL 310 and 311.*

Japanese (JAPN)

JAPN 105-080, -081, and -082

Honors: Japanese I—Elementary (4)

Mark Miller

This course will feature the addition of Chinese characters (kanji) for writing as well as reading knowledge. Honors students are expected to master 48 kanji in addition to two alphabets. Many of these characters are rather complex, involving multiple readings and strict stroke orders. Because literacy is the most difficult aspect involved in the acquisition of Japanese, this extra writing component is the most valuable enhancement that can be provided to Honors students. *Meets with a regular section.*

JAPN 106-080, -081, and -082

Honors: Japanese II—Elementary/Intermediate (4)

Chika Inoue

This course will feature the addition of Chinese characters (kanji) for writing as well as reading knowledge. Honors students are expected to master 124 kanji in addition to two alphabets. Many of these characters are rather complex, involving multiple readings and strict stroke orders. Because literacy is the most difficult aspect involved in the acquisition of Japanese, this extra writing component is the most valuable enhancement that can be provided to Honors students. *Prerequisite: JAPN 105. Meets with a regular section.*

JAPN 107-080 and 081

Honors: Japanese III—Intermediate (4)

Mami Lyons

This course will feature the addition of Chinese characters (kanji) for writing as well as reading knowledge. Honors students are expected to master 172 kanji in addition to two alphabets. Many of these characters are rather complex, involving multiple readings and strict stroke orders. Because literacy is the most difficult aspect involved in the acquisition of Japanese, this extra writing component is the most valuable enhancement that can be provided to Honors students. *Prerequisite: JAPN 106. Meets with a regular section.*

JAPN 200-080

Honors: Japanese Grammar and Composition (3)

Chika Inoue

This course is specifically designed for students who have completed JAPN 107 and wish to further their knowledge of Japanese grammar and kanji. Classroom time will be spent learning oral and written grammatical forms. Students will be tested twice on their verbal skills. Honors students will keep diaries in Japanese, to be turned in every week. Everybody will take a trip to a Japanese restaurant, where students can try to use chopsticks while eating sushi and practicing their Japanese. JAPN 200 will help students review and build upon what they learned in the 100-level Japanese classes. *Prerequisite: JAPN 107 or equivalent; complete knowledge of kana and some basic reading and writing ability of kanji. Meets with a regular section.*

JAPN 305-080

Honors: Japanese Conversation and Composition (3)

Mark Miller

At the 300-level in Japanese we begin to explore more authentic Japanese situations. Using our 300-level textbook, *An Integrated Approach to Intermediate Japanese*, we practice listening, speaking, reading, writing, and thinking in Japanese at a more sophisticated level. Also, we have the opportunity to work on a special term project that will provide further grounding in the important skills of translating a real text into English, making a class presentation, and writing a report in Japanese. Students taking the course for Honors credit will also be involved in an interactive e-mail exchange with counterparts in Japan! *Prerequisites: Two of the following—JAPN 200, JAPN 205, JAPN 206. Meets with a regular section.*

Latin (LATN)**LATN 102-080**

Honors: Elementary Latin II

Nicolas Gross

Grammar, vocabulary, morphology, reading, and translation of Latin.. *Prerequisite: LATN 101. Meets with a regular section.*

LATN 214-080

Honors: Vergil**Nicolas Gross**

Reading, translating, scanning, and interpreting Roman Augustan poetry. *Satisfies Arts and Science language requirement. Prerequisite: LATN 213. Meets with a regular section.*

Legal Studies (LEST)**LEST 267-080****Honors: The Law and You (1)****Joan del Fattore**

(For course description, see under Honors Forum Courses.)

Linguistics (LING)**LING 101-080****Honors: Introduction to Linguistics (3)****Nancy Schweda-Nicholson**

This course provides students with a sound theoretical framework in the fundamental areas of phonetics and phonology (sounds and sound systems within languages), morphology (word formation), syntax (structure of sentences), semantics (meaning), first language acquisition, and language in advertising. Students will learn about the wide diversity found in the languages of the world. Problem-solving activities will involve working with various structural components of non-Western languages. The primary goal of the course is for students to broaden their awareness and understanding of language in general. *Satisfies multicultural requirement.*

LING 462-080**Honors: Language Acquisition (4)****Roberta Golinkoff**

(For course description, see EDUC 462-080.)

Mathematics (MATH)**MATH 222-080****Honors: Calculus II (3)****David Bellamy**

This course provides an in-depth understanding of the fundamental concepts of calculus for students in life and management sciences. Topics will include the derivative and integral with applications, as well as multivariate topics such as partial derivatives and multiple integrals with applications. Applications will center on biological and ecological problems, as well as business-related problems. An objective of the course is to furnish students with the maturity and confidence needed when calculus is encountered in the future. *Prerequisite: MATH 221. For students in the behavioral, management, and social sciences. Credit cannot be received for both MATH 222 and MATH 242. Meets with a regular section.*

MATH 243-080**Honors: Analytic Geometry and Calculus C (4)****John Bergman**

This course is a continuation of M242H. As such we will use a variety of sources and non-traditional problems, together with both group and individual projects to illustrate and clarify the very rich and robust mathematical constructs that arise when dealing with functions of several variables. Specific topics include, but are not limited to, vector calculus, partial derivatives, multiple integration, and line and surface integrals. Partial derivatives, multiple integrals, line integrals, series. *Prerequisite: MATH 242.*

MATH 349-080**Honors: Elementary Linear Algebra (3)****Y. Leung**

Systems of linear equations, matrix algebra, and determinants. Vector spaces, linear dependence and independence, basis and dimension. Linear transformations, matrix representation and similarity transformations. Includes use of the computer for analysis and solution of problems in linear algebra. *Prerequisite: MATH 230 or MATH 242. Restriction: Credit not given for both MATH 349 and either MATH 341, MATH 342, or MATH 351. Meets with regular section.*

MATH 352-080**Honors: Engineering Mathematics II (3)****Philip Broadbridge**

Engineering systems make use of a variety of physical phenomena that are best described in terms of partial differential equations. These may be derived by re-expressing fundamental physical laws using fundamental integral theorems of multivariate calculus. In this way, partial differential equations for solute diffusion, heat conduction, fluid flow, and electromagnetic fields will be derived. Some classic solution methods will be developed, including integral transforms and orthogonal expansions. These methods are not only useful for solving equations, but they also underpin our understanding of mathematical analysis. *Prerequisite: MATH 351. Open to MEEG students only. Meets with regular section.*

MATH 518-080

Honors: Math Models and Application (3)

Clifford Sloyer

Illustration and analysis of mathematical models for problems in the biological, physical, and social sciences. The Honors section will also include a study of and a project on the evaluation of health care in trauma centers. *Prerequisite: Either MATH 230 or MATH 349, and MATH 300 or STAT 370. Meets with a regular section.*

MATH 530-080

Honors: Optimization and Game Theory (3)

Thomas Angell

Convex functions and sets, duality, fixed point theorems, elementary game theory, and the theory of Nash and Walrasian equilibria; non-linear programming and the Kuhn-Tucker Theorem; dynamic optimization including dynamic programming and Pontryagin's Maximum Principle. Emphasis on applications and interpretation in terms of economic models. *Prerequisites: MATH 302, MATH 349, ECON 301, and ECON 303. Meets with regular section.*

Medical Technology (MEDT)

MEDT 401-080

Honors: Clinical Physiological Chemistry I (3)

Mary Ann McLane

The results of clinical laboratory testing are of interest to many different clients: primary care

providers such as physicians (who use the information to diagnose or monitor therapy), legislators (who make state and federal budget decisions on the accessibility of laboratory testing), as well as patients themselves, who are increasingly becoming involved in managing their own health-care. The delivery of this information will be very different, however, to these three groups of individuals. Clinical laboratory professionals are experts in providing accurate laboratory results and in understanding those variables that can affect such accuracy. This course will explore the growing role of clinical laboratory professionals as patient advocates and provide insights into the legal, ethical, and "user-friendly" aspects of responding to questions about clinical laboratory testing. Included in the semester will be attendance at Legislative Day 2003 in Washington, D.C., March 17 and 18, sponsored by the American Society for Clinical Laboratory Science. *Restrictions: open to Medical Technology majors only. Meets with a regular section.*

MEDT 404-080

Honors: Hematology I (2)

Raelene Maser

Hematology is the analysis of the various cellular elements of blood. In Hematology I, the pathophysiology of various hemostasis disorders, their cause, and the common laboratory characteristics and profile of each disease are examined. Over the past several years, various methodologies have evolved in the clinical hemostasis laboratory for the diagnosis of many of these disorders. Honors section students will create computer-driven activities that will enhance educational modes for use in learning and teaching various areas of diagnostic hematology and hemostasis that incorporate different technologies. *Restriction: Open to MEDT majors only. Meets with regular section for lecture and separate Honors discussion.*

MEDT 406-080

Honors: Medical Microbiology (3)

Don Lehman

Continuing education is an important part of working in a medical laboratory, and clinical laboratory scientists are often encouraged to give presentations to their peers. The goal of this

Honors course is to present students with curriculum theories in planning a presentation. Developing learning outcomes, objectives, and concept maps will be stressed. Using knowledge gained from lecture, reference materials, and discussions with the instructor, students will develop and present a topic on an aspect of medical microbiology. *Restriction: Open to MEDT majors only. Meets with a regular section.*

Mechanical Engineering (MEEG)

MEEG 112-080

Honors: Statics (3)

Ian Hall

The course covers approaches to help recognize, idealize and solve problems involving rigid bodies in static equilibrium. Scalar and vector techniques are used and free-body diagrams introduced. Later topics include trusses and space structures, friction, center of gravity, moment of inertia. The course also emphasizes the role of statics in the design process. *Corequisites: MATH 242 and PHYS 207. Open to majors only. Meets with regular section.*

Music (MUSC)

MUSC 101-080

Honors: Appreciation of Music (3)

Christopher Hutton

This course will study the history of Western Art Music. A brief introduction will be made to the music of the Middle Ages, with more time spent on the late-Renaissance to the present. We will focus on building critical listening skills and exploring the historical and cultural context for the works studied. The Honors section will also spend extended time with selected works in an attempt to understand what these pieces meant to the audiences that first heard them. The regular textbook will be supplemented with CD recordings and online course material, and assignments will allow individual and creative responses to the material studied. A strong empha-

sis will be made on classroom participation and discussion.

MUSC 196-080 and -081

Honors: Harmony II (3)

Michael Arenson

Chromatic harmony in the four-part style, including writing, analysis, and keyboard application. Weekly seminar focuses on composition and analysis. *Prerequisites: MUSC 185 and 195; corequisite: MUSC 186. Meets with a regular section.*

MUSC 296-080

Honors: Advanced Harmony II (3)

Jennifer Barker

Continuation of MUSC 295. Study of late 19th- and 20th-century harmony, techniques, and styles. Continuation of instrumentation. Original compositions. *Prerequisites: MUSC 285 and 295. Corequisite: MUSC 286. Meets with a regular section.*

Nursing (NURS)

NURS 240-080

Honors: Scientific Basis of Nursing (5)

K. Schell and Christine Cannon

Examines pathophysiological concepts and prototype diseases. Laboratory practicum to provide practice of psychomotor skills. *Sophomore-senior majors only. Prerequisites: BISC 207, CHEM 105, CHEM 106, NURS 220, and a course in anatomy. Corequisites: BISC 276, BISC 300, NURS 222, and NURS 230. Meets with regular section.*

NURS 362-080

Honors: Research Concepts in Healthcare (3)

Christine Cannon

The Honors section of NURS 362 is designed to support qualified students in a "hands-on" approach to conducting qualitative and/or quantitative nursing research. Selected areas of investigation include the biological, psychological, and/or social impacts of illness. Data will be collected (or in some cases, provided) and analyzed by the student research "teams." Results and their implications for practice will be disseminated

through abstracts, posters, and discussion. *Prerequisites:* NURS 220, 222, 230, and 240. *Corequisite:* STAT 200. *Open only to nursing majors.*

NURS 411-080

Honors: Topics in Emergency Nursing: ER (4)

Linda Bucher

This theory/lab course is designed for Honors students who are interested in exploring advanced pathophysiologic concepts that form the basis of emergency nursing. Lab opportunities for skill acquisition specific to emergency nursing are incorporated within the course. Students will also select and explore an advanced practice subrole of interest (ex. Leader, Educator, or Researcher) to enhance personal and professional growth in emergency nursing. *Prerequisites:* NURS 405, NURS 408, NURS 417/418/419; *Nursing majors only. Enrollment is limited to 12 students.*

NURS 420-080

Honors: Practicum VIII: Emergency Nursing (6)

Linda Bucher

This clinical course is designed for honors students who are interested in exploring advanced models of leadership and patient management as they relate to the practice of emergency nursing. Clinical experiences will serve as a mechanism for the application of the Synergy Model to the practice of emergency nursing. Students will explore and apply select components from the Leadership Education Model in a capstone experience to develop professional nursing leadership skills. *Prerequisites:* NURS 405, NURS 408, NURS 417/418/419; *Co-requisites:* NURS 411-080, NURS 409. *Nursing majors only. (12 hours/week) Enrollment is limited to 10 students.*

Nutrition and Dietetics (NTDT)

NTDT 435-080

Honors: Peer Nutrition Mentoring (3)

Rebecca Brown

Preparation of upper-division students to become peer mentors for an introductory nutrition course.

Internet discussion forums used to increase interaction in a large classroom setting. Offers pre-professional practice opportunities for nutrition majors. *Prerequisite:* NTDT 400.

Philosophy (PHIL)

PHIL 102-080

Honors: Introduction to Philosophy (3)

Lucia Palmer

This course is designed to introduce students to some of the major problems that characterize philosophy as a discipline and as a human activity. We will study the relationship between Philosophy and Science and that between Philosophy and Religion. The course stresses problems associated with personal identity, freedom of the will, arguments for the existence of God, problems associated with the human mind and its relation to the human body. Reading is from classical and contemporary sources. No final exam, no memorization. Understanding and active participation are strict requirements. Three take-home essays.

PHIL 246-080

Honors: Philosophical Perspectives of Medicine (3)

Paul Durbin

(See CSCC 246-080 for a course description.)

PHIL 303-080

Honors: Modern Philosophy (3)

Lucia Palmer

The course is designed for students in Philosophy and for any student interested in the critical appreciation of the foundations of Religion, Science, and Society. As such the course fulfills two main objectives: (1) Offers Philosophy students the essential tools for philosophical argumentations and a rigorous approach to the development of philosophical problems from Galilei to Kant; (2) Offers students interested in the scientific, religious, and social crisis of the "20th-Century Individual" the chance to understand how such a crisis originated and what attempts were made to solve it. Particular attention is paid to the problems of Knowledge, Ethics, and Metaphysics in the classical representatives of rationalism and

empiricism in France, England, and Germany. If time permits, we will conclude with some remarks on Post Modernism and on the issue of Skepticism. *Meets with regular section.*

PHIL 309-080

Honors: Indian Religion and Philosophy (3)

Alan Fox

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 various more recent developments in Indian thought, including Sikhism and the works of modern thinkers such as Gandhi, Ramakrishna, and Aurobindo. The Honors section will operate as a subsection of PHIL 309-010. This means that besides the regular workload for the course, students will be expected to meet for an additional discussion every other week throughout the semester. Students with extremely complex or restricted schedules may not be able to take part. 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. *Prerequisite: PHIL 204 with Professor Fox or by permission of the instructor. Meets with regular section; separate Honors discussion. Satisfies multicultural requirement.*

PHIL 320-080

Honors: Theory of Knowledge (3)

Joel Pust

This course is a thorough survey of contemporary analytic epistemology (the theory of knowledge and justified belief). We will begin with a consideration of various attempts to analyze knowledge. Following that, we will examine contemporary theories of justified belief such as foundationalism, coherentism, and reliabilism. The course will conclude with an investigation of recent contextualist, explanationist, and reliabilist responses to skepticism about the external world. Readings will be mostly from journal articles. This course will be a mixture of lecture and discussion. Students will be expected to be prepared

for active and informed discussion of the readings. *Meets with a regular section.*

Physics (PHYS)

PHYS 133-080

Honors: Introduction to Astronomy (4)

John Gizis

An algebra-based introduction to the study of the universe. Using astronomy and physics, we will investigate both what scientists have learned about the universe and how they learn more. Questions investigated include: Why and how do stars shine? Did the universe originate in a Big Bang? What is the structure of our Galaxy? What are other planets like and why? The class meets four times a week: (three 50-minute lectures and an evening lab class). The labs use computer simulations so that students will experience taking and interpreting astronomical data. *Meets with regular section; separate Honors lab.*

PHYS 207-080

Honors: Fundamentals of Physics I (4)

Chung N. Leung

Calculus-based introduction to physics, with primary emphasis on classical mechanics. Integrates conceptual understanding with extensive problem-solving and lab experience. *Prerequisite: one year of high school calculus recommended. Restrictions: only one course from among PHYS 104, 207, and SCEN 101 can count toward graduation. Corequisite: MATH 241.*

PHYS 208-080

Honors: Fundamentals of Physics II (4)

Barry Walker

Calculus-based introduction to physics, with primary emphasis on electricity and magnetism. Integrates conceptual understanding with extensive problem-solving and laboratory experience. Weekly Honors discussion. *Prerequisite: PHYS 207. Corequisite: MATH 242. Meets with a regular section.*

Plant Science (PLSC)

PLSC 201-080

Honors: Botany II, Plant Morphology (4)

Tom Pizzolato

Sexual and vegetative characters of algae, bacteria, fungi, liverworts, mosses, ferns, horsetails, club mosses, quillworts, gymnosperms, and angiosperms. Selected genera within these divisions will be considered in detail. *Prerequisite: PLSC 101 or BISC 207. Meets with a regular section.*

PLSC 270-080

Honors: Biotechnology: Science and Socio-Economic Issues (3)

Sherry Kitto

(For course description, see ANSC 270-080.)

PLSC 300-080

Honors: Principles of Animal and Plant Genetics (3)

Carl Schmidt

(See ANSC 300-080 for course description)

Political Science and International Relations (POSC)

POSC 100-080

Honors: Introduction to Political Science (3)

Candace Archer

This course is a general introduction to the study of political phenomena. It is neither about campaigns and elections *per se* nor about the United States in particular (or any other particular country.) Instead, we will explore broader issues and concepts that apply comparatively to all political systems: for example, the role of force, the importance of economic developments, how societies distribute and redistribute wealth, political institutions (such as legislatures, executives and bureaucracies, and courts of law). *Restriction: Limited to first-year POSC majors.*

POSC 380-080

Honors: Introduction to Law (3)

Lynda Dodd

This course has two major objectives. The first is to provide an introduction to the fundamental elements of the American legal system – 1) the federal and various state court systems; 2) attorneys, judges, and juries; 3) the processes surrounding civil and criminal trial litigation, as well as alter-

native forms of dispute resolution; and 4) courts' impact. The second goal is to provide a more theoretical examination of the relationship between law and politics. Is legal reasoning different than political reasoning? What constrains judges from relying solely upon their personal political preferences? Course requirements will include two short essays, a midterm, and a final examination.

POSC 390-080

Honors Colloquium: Human Rights and U.S. Foreign Policy (3)

William Meyer

(See course description under Honors First-Year Colloquia)

POSC 444-080

Honors: Global Agenda: Spies, Lies, and Sneaky Guys: Espionage and Intelligence (3)

Ralph Begleiter

Guest speakers from the undercover world of espionage explore the accomplishments and failures of the global intelligence community during and after the Cold War, and before and after the terror attacks of September 11, 2001. Speakers will include practitioners in the espionage world, from the KGB to the CIA and other agencies. Extensive student time commitment will include opportunities for close encounters, dinners, receptions with speakers. Assignments will include analytical papers on the subject of international intelligence. Recommended for seniors. No prerequisites, but enrollment extremely limited. *Crosslisted with COMM 444-080. Meets with regular section.*

Psychology (PSYC)

PSYC 201-080, -081, and -082

Honors: General Psychology (3)

Barbara Giza

A foundation course in the application of the scientific method to problems of human behavior and experience. We will consider the philosophical foundations of the concept of mind and study the psychological bases of emotional experience, learning, perception, and memory. We will examine how the brain works, how we develop socially and emotionally, and how we interact with others. We will also consider the varieties of

mental disorders. Features include reading several scientific articles, collaborative writing and revising of papers derived from group discussion of both assigned theoretical and applied problems and an open-ended research proposal and report, and an optional individual oral presentation on an assigned topic. Emphasis is on evidence-based explanation and clear and concise exposition.

PSYC 350-080

Honors: Developmental Psychology (3)

Brian Ackerman

This course is about critical developmental issues and models from infancy through late childhood. The focus concerns assessments of claims about developmental risks. The topics include early experience models of cognitive and social development, parenting processes, and aspects of family breakdown. *Prerequisites: PSYC 309. Restrictions: If both PSYC 325 and PSYC 350 are taken, only PSYC 325 will count for major credit. Open to psychology majors and minors only.*

PSYC 414-080

Honors: Drugs and the Brain (3)

Jeffrey Rosen

Topics covered include drug treatment of mental illness, and drug abuse/addiction. Honors students meet weekly with the professor outside of the regular class to discuss articles on various topics of drugs and addiction. *Prerequisites: PSYC 309 and PSYC 314. PSYC 380 or 334 recommended in addition to prerequisites. Open to junior and senior majors only. Meets with regular section.*

PSYC 425-080

Honors: Family Conflict and the Child (3)

Brian Ackerman

This course is about the risks for the developing child posed by conflicted family processes. Topics include the transition to parenting, maladjusted parents, parent-child coercive processes, child maltreatment, and marital conflict and dissolution. Honors students will do an extra writing assignment. *Prerequisite: PSYC 309 and PSYC 325 or 350. Meets with a regular section.*

PSYC 462-080

Honors: Language Acquisition (3)

Roberta Golinkoff

(For course description, see EDUC 462-080.)

PSYC 467-081

Honors: Ideas in Biopsychology (3)

Evelyn Satinoff

In this course we will read six "classics" in psychology, biology, and philosophy. One student will be responsible for leading the discussion for each book. The reading list is flexible and will be chosen depending on the interests of the students. Each discussion will be "problem-based," revolving around such questions as "What was the history of the subject leading up to the writing of the book?" "How did thinking and experimentation that came after it?" "What was the background of the author that caused him or her to write the particular book at that particular time?" "How did this book change the thinking of ordinary citizens or affect their lives?" Readings will be chosen from a list that includes books by Charles Darwin, Robert Merton, Thomas Kuhn, Steven J. Gould, and Konrad Lorenz. *Open to junior and senior majors and minors. Meets with a regular section.*

PSYC 467-082

Honors: Social Motivation (3)

Robert Eisenberger

Analysis of theory and research in the social psychology of motivation. Students play an active role in helping plan and carry out the research. Students may focus on either of the following topics: (1) Intrinsic Motivation: Interest in activities that are enjoyable in their own right. We will spend most of the time studying how personality and rewards affect activities ranging from reading for pleasure to listening to music. (2) Employee Motivation: Study of factors influencing employee loyalty, satisfaction, motivation, and performance. For students interested in industrial/organizational psychology. (Note: Students choosing this topic will meet at a separate time. Contact instructor for details.) *Prerequisite: PSYC 201 and permission of instructor.*

Russian (RUSS)

RUSS 106-080

Honors: Russian II (Elementary/ Intermedi-

ate) (4)

Alexander Lehrman

This course continues the introduction of Russian grammar, allowing students to develop their skills in speaking, listening, reading, and writing. Honors students will have special weekly assignments aimed at enhancing those skills, including reading selected texts, memorizing poems, and writing essays. *Prerequisite: RUSS 105. Meets with a regular section.*

RUSS 200-080

Honors: Russian Grammar Review (3)

Alexander Lehrman

Systematic review of elementary and intermediate Russian grammar and the study of complex sentence structure and idioms. Some conversational practice. *Prerequisite: RUSS 107. Meets with a regular section.*

RUSS 310-080

Honors: Introduction to Russian Literature I (3)

Alexander Lehrman

Masterpieces of poetry, narrative prose, and drama from the 19th century. *Prerequisite: RUSS 211 or 305. Meets with regular section.*

Sociology (SOC)

SOCI 312-080

Honors: Theories of Society (3)

Anne E. Bowler

This course is designed with the following two objectives: (1) to introduce students to the basic concepts and principles of classical sociological theory, and (2) to critically assess the relevance of these theories for understanding contemporary social issues and problems. Thinkers whose works we will examine are Emile Durkheim, W. E.B. Du Bois, Karl Marx, Georg Simmel, and Max Weber. *Prerequisite: SOCI 201. Meets with a regular section.*

SOCI 367-080

Honors: Social Inequality in Film (3)

Elizabeth Higginbotham

Class and racial segregation mean that few people

in the US cross racial and social class borders, leaving them dependent upon the media for many of their impressions of others. Students will read materials to develop an intersectional analysis of social inequality based on race, social class, gender, and sexuality, and will also explore the role of films in creating images of ourselves, others, and social processes like social mobility. We will view major motion pictures and documentary films to develop a critical perspective for viewing the media and its role in promoting ideas and knowledge in the society. *Prerequisite: SOCI 201 or other 200 -level sociology course. Section 080 is limited to majors and minors. Meets with regular section and we will schedule other meetings.*

Spanish (SPAN)

SPAN 107-080

Honors: Spanish III—Intermediate (4)

Suzanne Tierney-Gula

Review of grammar, continued practice in speaking and writing, and reading texts of average difficulty. Emphasis on improvement of basic conversational skills and composition development. *Prerequisite: SPAN 106 or high school equivalent.*

SPAN 205-084

Honors: Spanish Conversation (3)

Thomas McCone

A course devoted to the notion that Spanish is something you do rather than something you study. It offers students the opportunity to improve basic conversational skills through a combination of strategic interaction, culturally salient issues-based discussion, and exposure to Spanish discourse strategies. Grammar review is presented where appropriate and some written work is required. However, the course is clearly student-centered, involving group work, mini-presentations, and a final oral project. Participation is paramount. *Prerequisites: SPAN 107 or SPAN 112, or one 200-level course with a grade of B or higher. Not intended for native speakers. Meets with a regular section.*

SPAN 302-080

Honors: Survey of Spanish Literature (3)

Joan Brown

This is an Honors-only section, designed to offer a panorama of modern Spanish literature while building individual critical skills. In this seminar we will explore the literature and culture of Spain from the 18th century to the present. From elegant refinement to uncontrollable passion to the savages of war and the explosive yet sometimes hilarious issues of contemporary life, we will come to understand Spain through its literature. Among the works that we will study in depth are Zorilla's romantic *Don Juan Tenorio* and GarcRa Lorca's fiery *Bodas de sangre*. We will also sample the action, humor, wit, and beauty of many other masterpieces, honing critical skills while exploring the evolution of modern Spain. Multimedia enrichment will add to our appreciation of Spanish literature and culture. *Prerequisite: any 200-level literature course. Please contact jlbrown@udel.edu to learn more about this special section.*

SPAN 325-080

Honors: Spanish Civilization and Culture (3)

Hans-Joerg Busch

Survey of geography, history, art, and society of Spain. *Prerequisite: SPAN 200. Meets with regular section.*

SPAN 326-080

Honors: Latin-American Civilization and Culture (3)

America Martinez

Survey of the geography, history, art, and society of Latin America. After an overview of the area, the instructor will give special emphasis to Mexico, Argentina, and Cuba. Students will research topics of their choosing and prepare oral and written presentations. Taught in Spanish. *Prerequisite: SPAN 200. Fulfills Group B and multicultural requirements. Meets with regular section.*

SPAN 460-080

Honors: Contemporary Spanish Novel (3)

Joan Brown

In this Honors-only seminar we will explore renowned novels of contemporary Spain. From the

civil war through the fascist-dominated postwar and into the democratic era, we will experience Spanish culture through novels that are powerful, beautiful, ironic, and subversive. The primary goals of this course are (1) to analyze outstanding works as individual creations and (2) to situate these works in their historical, socio-cultural and literary contexts. An ancillary goal is the enhancement of individual critical skills in Spanish. *Section 080 meets with a limited-enrollment graduate section. Prerequisite: one SPAN 300-level literature course. For more information please contact the professor at jlbrown@udel.edu.*

Theatre (THEA)

THEA 102-080

Honors: Introduction to Performance (3)

Kathleen Tague

Introduces the student to basic actor training for the stage. Instruction will include basic rehearsal technique, script analysis and dramatic structure. The class exercises and discussions intend to expand the student's potential for expressiveness in the areas of voice, articulation, physicality and imagination. Assignments include reading, scene study and performance, and creative dramatic writing. The student will also attend two live theatre performances.

THEA 341-080

Honors: Theatre/Drama: Classic Medieval (3)

Heinz-Uwe Haus

Survey of major historical and theoretical developments in theatre practice and dramaturgy in Ancient Greece and Rome as well as in Late Antiquity through the Middle Ages. Readings in primary and secondary historical sources, major critical and theoretical texts, and representative plays. The course focuses on works of Aeschylus, Sophocles, Euripedes, Aristotle, Plato, Terence, and Seneca, as well as of Homer, Cicero, Caesar, Donatus, and Dante, which contain some fundamental precursor of ways in which Western civilization thinks about heroism, destiny, love, politics, tragedy, science, virtue, social identity, and thought itself.

Meets with regular section; separate Honors workload/assignments.

THEA 420-080

**Honors: Fundamentals of Stage Directing (3)
Heinz-Uwe Haus**

Exploration of the director's part in the creative process of theatre. Philosophy, techniques, and problems of directing plays. The course focuses on directing as an art and as an artistic profession and its impact on the contemporary sense of theatre. The approaches examined share the assumption that the meaning of drama emerges from the kind of questions we ask of it, and the contexts—literary, historical, social, theoretical, theatrical—in which we can make it perform, and make it mean something, in particular. Main subjects will be Reinhardt's *Living Theatre*; Brecht's *Epic Theatre*; Piscator's *Political Theatre*; the legacy of Stanislavski's *Inner Truth*; Pirandello's and Strehler's *Creative Will*; Stein's *Dialectics*; and Brook's *Empty Space*. The course emphasizes collaboration and teamwork. *Meets with regular section; separate Honors workload/assignments.*

University Course (UNIV)

UNIV 369-080

Honors: Undergraduate Research Sustaining

Joan Bennett

Research apprenticeship with faculty mentor. *Limited to those appointed as Undergraduate Research Scholars in the Undergraduate Research Program. Must have approval of the Coordinator of Undergraduate Research.*

UNIV 401-080

Honors: Senior Thesis (2-4)

Joan Bennett

UNIV 402-080

Honors: Senior Thesis (2-4)

Joan Bennett

Honors Degree with Distinction candidates only. Candidates for Degree with Distinction must register for Section 010. Students pursuing an Honors Degree with Distinction and doing their research project must enroll in UNIV

401-080 or UNIV 402-080. The student's first semester in this course should be registered under UNIV 401. The second semester should be registered under UNIV 402.

UNIV 490-080 and –081

Honors Tutorial: The Novel (3)

Bernard Kaplan

(For course description, see first section, "03S Courses Satisfying Honors Program Requirements".)

UNIV 490-082 and –83

Honors Tutorial: Human Nature and Human Society (3)

Lawrence Duggan

(For course description, see first section, "03S Courses Satisfying Honors Program Requirements".)

UNIV 495-080

Honors Degree Seminar: Science and Pseudoscience (3)

Susan Groh

(For course description, see first section, "03S Courses Satisfying Honors Program Requirements".)

UNIV 495-081

Honors Alison Seminar: Terrorism and the First Amendment (3)

Matthew Kinservik

(For course description, see first section, "03S Courses Satisfying Honors Program Requirements".)

Women's Studies (WOMS)

WOMS 202-080

Honors: Introduction to International Women's Studies (3)

S. Cherrin

Introduction to International Women's Studies exposes students to a broad range of inter- and intra-cultural gender practices. We employ interdisciplinary methods and theoretical perspectives with heavy reliance on anthropology, sociology,

and political science. Feminist and cultural relativist critiques inform analyses. Students should emerge from this course with insight into the range of women's global experiences, knowledge of how international process is gendered, and specialized findings about women's status within a nation of one's choice. *Satisfies multicultural requirement. Meets with regular section.*

WOMS 291-080

Honors: Women's History Through Film

(1)

Marie Laberge

(5-week short session: February 25-March 25.)
March is Women's History Month, and this one-credit short course explores women's historical experience through the medium of film. Students will view a variety of documentary film on women, hear from guest speakers, and read materials relating to the topics covered by the films. The films cover both historical and contemporary issues, within the United States and internationally. *Partially fulfills multicultural requirement. Crosslisted with HIST 291-080. Meets with a regular section.*

WOMS 311-080

Honors: Renaissance Women, Society, and Art (3)

Linda Pellecchia

(For course description, see ARTH 311-080.)

WOMS 322-080

Honors: In Love and War: Greek Tragedy (3)

Annette Giesecke

(For course description, see FLLT 322-080.)

WOMS 363-080

Honors: Women in Cross-Cultural Perspectives (3)

Donna Budani

Social realities of women within the cultures of Asia, Africa, and Latin American societies. How institutions such as motherhood, the family, sexuality, and work structure women's lives within the dominant social ideologies. *Cross-listed with ANTH 363-080. Meets with a regu-*

lar section. Satisfies multicultural requirement

WOMS 367-080

Honors: European Women's History, 1789-Present (3)

Cara Delay

(For course description, see HIST 367-080.)
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