

Honors Course Booklet Spring 2005

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Registration Procedures: Registration priority is given to students in the University Honors Program whose grade point indexes are 3.00 or higher. Scheduling priority is given to those needing a particular course to satisfy requirements for one of the forms of Honors recognition. On a space-available basis, a student who is not in the Honors Program may be eligible to take an Honors course if his/her UD grade point index is 3.00 or higher. Permission of the Honors Program is required to add Honors courses during drop/add. To add Honors classes, please call the Honors Program office at 831-1195 or 831-2734 during the official drop/add period at UD. Please do not contact faculty teaching Honors sections to enroll in Honors courses.

First-Year Honors Colloquia

ANTH 390-080

Honors Colloquium: Palaces, Priests, and Pyramids (3)

Jill Neitzel

Ancient civilizations have provided archaeologists with many of their most spectacular and best-known discoveries. This course introduces students to some of these discoveries from the Near East, East Asia, Africa, Mesoamerica, and South America. It also considers the nature of the societies that produced these archaeological finds, along with two related questions: Why did these societies develop then and there, and why did all of them ultimately collapse? The class will be conducted as a seminar with an emphasis on student discussion of assigned readings. These discussions will be supplemented by films and in-class exercises. *Note: Open to first-year UHP students only.*

ARSC 390-080

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

Devon Miller-Duggan

This course will take an unusual approach to writing, using poetry, word games, observation exercises, and if necessary, blindfolds and bandages to revise and refresh students' ideas about the relationship between words, writing, and precision. Readings could include just about anything, but will definitely include some poetry, because poetry, in general, represents the most

concise and precise use of language. If you love poetry already, this class should deepen both your appreciation of it and your fluency with it. If you suffer from Poetry Hatred in any of its many forms, this class will cure you of that tragic disease. *Open to first-year UHP students only.*

ARSC 390-081

Honors Colloquium: The Art of Medicine (3)

Ray Peters

We will explore connections between the arts and medicine by looking at the patient-doctor relationship, the interpretation of illness, the duties and responsibilities of medical professionals, bioethics, death and dying, and other topics in medicine. Using stories, plays, films, essays, memoirs, poems, and the visual arts, we will examine the many challenges faced by health-care professionals and patients as they deal with birth, death, health, illness, suffering, treatment, and recovery. We will study works by doctors who are also accomplished authors (such as Anton Chekhov, William Carlos Williams, Alice Jones, Kay Jamison, and Oliver Sacks) as well as provocative works on medical themes such as *The Elephant Man* and *Miss Evers' Boys*. Students will write brief response papers, analytical essays, and a research paper analyzing the connection between medicine and the arts by focusing on a work of their choice. *Note: Open to first-year UHP students only.*

ARSC 390-082**Honors Colloquium: Great Minds (3)
Devon Miller-Duggan**

Whether their ideas are original or products of the currents of their times, writers change both the way we think about history and sometimes history itself. While there is no conceivable way to become a fully literate human being in one semester, we will take a tour through a few of the monuments of western literature and western thought. In this course, we will read works by such writers as St. Paul, St. Augustine, Sir Thomas More, Shakespeare, Moliere, Rousseau, Mary Wollstonecraft, Ralph Waldo Emerson, Sigmund Freud, Emma Goldman, Karl Marx, T. S. Eliot, and Allen Ginsburg with an eye toward understanding how these works have both defined and moved their times and ours. We will particularly focus on the question of what it means to be a human being living in a complex society. Assignments will explore that question in a variety of formats. *Note: Open to first-year UHP students only.*

ARSC 390-083**Honors Colloquium: The Stories Project:
A Service-Learning Experience (3)
Darlene Farabee**

This discussion-based course will focus on how stories are told and what happens to the teller and the listener in the telling and re-telling. As a service-learning course, you will be paired with children from the College School to understand how children approach, attain, appropriate, and alter stories. By reading early mythologies and examining sources for recurring stories, you will begin to understand and analyze archetypal story structures and functions of story-telling. The course depends on a wide-variety of reading, from classical mythologies to Irish folktales and Aesop's fables; from an early African epic to a contemporary encounter with Australian aboriginal culture. This interdisciplinary and cross-cultural colloquium will focus on critical thinking and discussion which lead to a series of short papers and activities with students in the College School. Individual meetings with the elementary student from the College School will focus on producing stories and (in a group) producing a collection of the children's stories. The course culminates in an

event celebrating the stories produced in the partnerships between members of the class and the students from the College School. *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.*

ENGL 391-080**Honors Colloquium: America Works (3)
Jean Pfaelzer**

This colloquium will explore the culture of work in America through works of fiction, literary non-fiction and political theory. In addition, we will see films and listen to music about how work shapes our personal and national identity. Dis-

cussing who works and what counts as work, we'll read fiction including Rebecca Harding Davis' *Life in the Iron Mills*, and Tillie Olsen's *I Stand Here Ironing*, literary nonfiction including Barbara Ehrenreich's *Nickel and Dimed*, and political theory such as Marx's *Communist Manifesto*. Viewing films including *El Norte*, *Salt of the Earth*, *Roger and Me*, *Harlem County*, and *Brazil*, we'll discuss how technology, immigration, and race define work, what pay means, who gets it, for what, and how much. We'll discuss how unions have changed the nature of work and how communities and relationships are forged at work. We will listen to contemporary and historical music about work as well as music people sing while working. We will also talk and write about ourselves as workers: our experiences as workers and our dreams for our future as workers; what work means in our family; the difference between working and having a career. How does work affect kids? Romantic life? Creativity? What's the relationship between work and play? How can we make those happen at the same time? In searching for answers to these questions, we will read, write, view, visit, interview, create images of many sorts, and maybe (but not me) sing about these topics. This course will allow students to better understand and appreciate the culture of work through literature, music and film. *Note: Open to first-year UHP students only.*

ENGL 391-081

Honors Colloquium: Hip Hop Culture (3) Bernard Kaplan

In this colloquium we will examine the phenomenon of hip hop culture. We will try to define hip hop and we will look at its manifestations in song, poetry, fashion, film, and the visual arts. We will see if hip hop, a so-called popular culture, has influenced "high art." We will also ask questions in this colloquium about the very nature of studying a movement such as hip hop. What happens when such a culture is looked at academically? What standards should we use to judge such art? What makes hip hop a culture? There will be several short papers and one long paper in this colloquium. Students will keep a journal. There are no examinations. Our readings will include, Nelson George's, *Hip Hop*

America, Murray Furman's, *The "Hood" Comes First*, Henry Chalfant's, *Spraycan Art*, and Donald Goines', *Black Gangster*. *Note: Open to first-year UHP students only.*

FLLT 360-080

Honors Colloquium: The Aesthetics of Horror (3)

Nancy Nobile

This colloquium 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.*

Honors Degree Seminars

Requirements for all Honors Degree and Honors Degree with Distinction candidates include an Honors Degree Seminar or Senior 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.

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 credible? 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 Degree Seminar satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation.*

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: Humanities (3)
Daniel Callahan**

The theme of this tutorial is the interaction of the human and divine in some of the major writings of antiquity and the Middle Ages. Readings include Dante, *The Divine Comedy*; Plato, *Republic*; Aristotle, selections from the *Metaphysics*; Lucretius, *On the Nature of Things*, Boethius, *The Consolation of Philosophy*; the Bible (Old Testament - Genesis, Exodus and Daniel), (The New Testament - The Apocalypse); Augustine, selections from *The City of God*; Anselm, *Why Did God Become Man*; Thomas Aquinas, selections from the *Summa of Theology*. *Satisfies Arts and Science Second Writing Requirements. This Honors Tutorial satisfies the Senior Capstone Requirement for the Honors Degree and Honors Degree with Distinction if taken in one of the last two semesters before graduation.*

Departmental Courses

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Accounting (ACCT)

**ACCT 425-080 and -081
Honors: Strategic Information Systems
and Accounting (3)
Clinton White**

Explores the role of accounting and information systems in accomplishing the strategic goals of the corporation. Students will be exposed to accounting information from large databases, enterprise-wide computing environments, and cases and projects related to strategic problem-solving across functional areas of business. *Prerequisites: ACCT 302 and ACCT 316. Restrictions: ACCT majors only. Meets with a regular section.*

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 dis-

tinctive 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. *Open to majors only. Meets with a regular section; separate Honors lab.*

ANSC 270-080

Honors: Biotechnology: Science and Socioeconomic 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)

Joan Burnside

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: BISC 207; ANSC 101 and ANSC 140, or PLSC 101; have taken or be registered to take BISC 401; or permission of instructor. Meets with regular section part of the semester.*

Anthropology (ANTH)

ANTH 101-083

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 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 251-080

Honors: Introduction to Ethnic Arts (3)

Peter Roe

A general survey of ethnic arts from Africa, the Americas, and the Pacific, including sculpture, painting, decoration, and their interrelationships with oral literature, music, dance, games, and ritual. *Satisfies Multicultural Requirement. Meets with a regular section.*

ANTH 390-080

Honors Colloquium: Palaces, Priests, and Pyramids (3)

Jill Neitzel

(See Honors Colloquia for course description.)

Arts and Science (ARSC)

ARSC 316-080

Honors: Peer Tutoring/Advanced Composition (3)

Ray Peters

(See ENGL 316-080 for course description.)

Art History (ARTH)

ARTH 154-080

Honors: Introduction to Art History II (3)

Margaret Werth

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

ARTH 218-080

Honors: High Renaissance and Mannerist Art (3)

Monica Dominguez Torres

This course surveys major artists, monuments, art centers, trends, and conceptual issues that emerged in Italy during the sixteenth century. Also treats the spread of Italian style to France and Spain. Special emphasis will be placed on renowned artists, such as Leonardo da Vinci, Michelangelo, Raphael, Bramante, Titian, Tintoretto, and El Greco. *Meets with a regular section.*

ARTH 236-080

Honors: Arts of the Islamic World (3)

Lawrence Nees

Formation and diffusion of a distinctive artistic tradition from the eighth to the sixteenth century. Considers architecture, painting, metalwork, and other media, especially in the Mediterranean world and western Asia. Considers what is "Islamic" about what we term Islamic art, and artistic material as a reflection of cultural traditions in the regions in which Islam became a major or dominant religion. *Satisfies Multicultural Requirement. Meets with a regular section.*

Biological Sciences (BISC)

BISC 208

Honors: Introductory Biology II (4)

Prerequisite: BISC 207. Corequisite: Second-semester General Chemistry

Section 080:

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 continued from BISC 207 with focus on organisms and higher levels of biological organization. Topics include plant and animal structure and function, populations, communities, and ecosystems. The classroom format is mini-lecture with frequent discussion prompted by questions. The laboratory has three-person teams engaged in 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 (04F). 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 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 403-080

Honors: Genetic and Evolutionary Biology (3)

Eric Kmiec

Lectures present a historical survey of the critical experiments that helped shape our current thinking about modern genetics. The topics include Mendelian inheritance, linkage analyses, bacterial gene transfer, chromosomal rearrangements, genome analyses, evolution and recombination, and repair. There will also be discussion about gene therapy, model systems (including embryonic stem cells) for identifying gene function, and the genetic basis of cancer. *Prerequisites: BISC 207 and one semester of organic chemistry.*

BISC 415-080

Honors: Vertebrate Development Morphology (3)

Melinda Duncan

This course covers the morphological and molecular control of vertebrate development from the fertilized egg to the college student. The normal developmental processes are correlated with known human birth defects and the molecular controls regulating these phenomena. A significant portion of the final grade requires the synthesis of the primary scientific literature and writing of NIH style grant proposals. *Prerequisite: BISC 207, BISC 208, and BISC 401 and permission of instructor.*

Business Administration (BUAD)

BUAD 301-080

Honors: Introduction to Marketing (3)

Carter Broach

The course introduces the practice of marketing by exploring marketing concepts (the 4 "Ps," for example) and applying them to marketing management, marketing research, target market selection, product planning, distribution channel strategy, personal selling, and advertising as well as pricing policy. Lectures, videotapes, and discussions enable you to understand the role of market-

ing within an organization. The course is the basis for all advanced courses in marketing for marketing majors and a survey of the function for non-marketing majors. A special project is included to give you relevant experience in marketing yourself. *Open to juniors and seniors only. Prerequisite: ECON 100 or ECON 152.*

BUAD 309-080

Honors: Management and Organizational Behavior (3)

Diane Ferry

Managers make things happen! Specifically, managers make things happen in organizations through other people. This course will explore the human issues associated with accomplishing organizational goals and the interpersonal skills required to be a successful manager. We will examine management and organizations from a personal perspective since we all encounter these every day of our lives. In the process of this course, we will heighten your awareness and understanding of the issues and enhance your problem-solving skills for dealing with them. *Open to juniors and seniors whose major requires the course.*

BUAD 441-080

Honors: Strategic Management (3)

Daniel Sullivan

Strategic management deals with those decisions that determine both the future directions of the organization and the effective implementation of the directions chosen. Strategic management addresses the resources and capabilities, industry analysis, and strategic positioning of the firm to create, capture, and sustain competitive advantage. In this course, you will develop competence at understanding how firms gain and sustain competitive advantage, analyzing strategic business situations and formulating strategy, and implementing strategy and organizing the firm for superior performance. *Prerequisites: BUAD 301, BUAD 306, BUAD 309, and FINC 311. Open to senior Business Administration or Accounting majors only. This course 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. Meets with a regular section.*

BUAD 478-080**Honors: Field Projects in Marketing (3)****Meryl Gardner**

Student teams apply their knowledge of marketing and business in a “real world” setting with local, regional, and national profit and nonprofit businesses on marketing projects funded by the companies. Projects involve: defining objectives, collecting relevant data, analyzing, interpreting, and reporting results/recommendation to management. *Prerequisite: At least nine credits in marketing including BUAD 302 and permission of the instructor.*

Chemical Engineering (CHEG)**CHEG 112-080 and -081****Honors: Introduction to Chemical Engineering (3)****Jingguang Chen and Jochen Lauterbach**

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 materials balance, energy balance, mass transfer processes, and chemical reaction kinetics, including the design of idealized chemical reactors. The critical concepts and approaches to engineering analysis will be emphasized throughout the course. Students in the Honors sections will be introduced to more in-depth, real world examples that utilize the engineering analysis principles. This will allow the students to examine a much broader range of chemical engineering problems, which will be invaluable throughout the chemical engineering program. *Prerequisite: A minimum grade of C- in MATH 242. Corequisite: MATH 243. Meets with a regular section. 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 104 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. This section of CHEM 104 is aimed at students who are non-chemistry science majors and 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. **Students must enroll in one of the following LECTURE sections: 080 or 081, AND enroll in one of the following LAB sections: CHEM 104-082, CHEM 104-083, CHEM 104-084, or CHEM 104-085.** *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, chemistry, and chemical and environmental engineering majors. Weekly quizzes and demonstrations, 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. **Students must enroll in one of the following LECTURE sections: 080 or 081, AND enroll in one of the following PROBLEM sessions: CHEM 112-082, CHEM 112-083, or CHEM 112-084.** *Prerequisite: CHEM 111. Corequisite: CHEM 120.*

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. **Students must also enroll in one of the following LABORATORY sections: 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. CHEG majors are NOT required to take CHEM 334 as a corequisite. Meets with a 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 334 Honors 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

Honors: Physical Chemistry II (3)

Section 080:

Cecil Dybowski

Section 081:

Andrew Teplyakov

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. *Prerequisites: CHEM 119, or CHEM 220 and CHEM 221; MATH 242 (MATH 243 recommended); PHYS 208 (recommended) or PHYS 202. Recommended co-requisite: CHEM 446. Restrictions: CHEM 419 and CHEM 444 cannot both be counted toward graduation. Both sections meet with a regular section.*

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. Meets with a regular section.*

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). Together, you and your faculty mentor will decide on a project and lab schedule. *Open to majors only. Corequisite: CHEM 457.*

CHINESE (CHIN)

CHIN 105-080

Honors: Mandarin Chinese I - Elementary (4)

Renee Dong

This course provides 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)

Renee Dong

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, an additional 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)

Maria Tu

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, an additional 280 Chinese characters or phrases and will have achieved an intermediate level of proficiency in Chinese for daily conversation. *Prereq-*

uisite: CHIN 106. Meets with a regular section.

CHIN 205-080

Honors: Chinese Conversation (3) Zhivin Dong

This course is designed for students who have learned basic language skills from CHIN 107 or beyond (CHIN 200). Specifically, the course aims to further improve conversational skills in Mandarin Chinese through oral reports and discussions of a variety of topics, including family, school, and work life. Current materials including the textbook, newspapers, and TV news excerpts will be used for group discussion. The course will require grammar review and written work where appropriate. *Prerequisite: CHIN 107. Meets with a regular section.*

Computer & Information Science (CISC)

CISC 181-080

Honors: Introduction to Computer Science (3)

Kathleen McCoy

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. The Honors section of this course will tackle programming projects of significantly greater challenge than the regular section of the course. *Prerequisite: CISC 105 or equivalent programming experience in a high-level language. Corequisite: MATH 115, MATH 117, MATH 171, MATH 221, or MATH 241.*

CISC 220-080

Honors: Data Structures (3)

James Durbano

This course examines the many ways in which data can be stored, accessed, and manipulated using well-known data structures and algorithms. We will review data type abstraction, pointers, arrays, and recursion. Data structures covered include linked lists, stacks, queues, trees, and

graphs. Sorting and searching techniques, including quicksort and hashing, are also covered. *Prerequisite: A minimum grade of C- in CISC 181. Corequisites: MATH 210 or MATH 241.*

Consumer Studies (CNST)

CNST 100-080

Honors: Leadership, Integrity, and Change (3)

Audrey Helfman

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 make an impact upon leadership effectiveness. *Meets with a regular section.*

CNST 114-080

Honors: Fashion, Style, and Culture (3)

Jaehee Jung

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

CNST 218-080

Honors: Fashion Merchandising (3)

Hye-Shin Kim

An overview of the fashion industry that examines the interrelationship between primary, auxiliary, and retail fashion markets, as well as trends in fashion retailing, promotion, and manufacturing. *Meets with a regular section.*

CNST 220-080

Honors: Fundamentals of Textiles II (3)

Rosetta Lafleur

This second course of a textile sequence involves fundamental concepts of textile materials with emphasis on structure/property relationships in cloth forms and finishing processes (including dye and print applications); standards, laws, and

regulations. 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.*

CNST 304-080

Honors: Leadership and Power (3)

Stephanie McClellan

Models of interaction between leadership and power are explored through a combination of speakers, videos, readings, and simulations. *Prerequisite: CNST 100. Meets with a regular section.*

CNST 314-080

Honors: Apparel Design by Flat Pattern (3)

Mary Jo Kallal

Advanced pattern making techniques using both traditional and computer-aided design methods. Design and execution of apparel based on variations of the torso block. Execution of apparel utilizing dressmaker tailoring techniques. *Prerequisite: CNST 221. Meets with a regular section.*

CNST 322-080

Honors: Retail Design and Consumer Behavior (3)

Paul Sestak

Exploration of the effects of retail design on consumer behavior. Logos, packaging, point-of-purchase display, signage, personnel, and store layout shall be examined. *Crosslisted with HRIM 322-080. Meets with a regular section.*

CNST 333-080

Honors: Fashion Forecasting and Design (3)

Mary Jo Kallal

Introduction to trend research, presentation, and collection design for targeted markets. Utilizes advanced techniques in computer graphics and web development for fashion design, emphasizing concept development, visualization, storyboard layout, and design presentation. *Prerequisite: CNST 233. Meets with a regular section.*

Communication (COMM)

COMM 245-080

Honors: Mass Communication and Culture (3)

Nancy Signorielli

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 310-080

Honors Pro-seminar: Communication and Social Capital (1)

Lance Holbert

Human beings and communities utilize three forms of capital to achieve various goals: human capital, financial capital, and social capital. Communication (interpersonal, mediated interpersonal, and mass) plays an integral role in the formation of the latter of these three forms of capital. This class will explore the multi-level concept of social capital and various communicative activities associated with this concept. *Students must also enroll in one of the following Communication corequisite courses for the term: COMM 301, COMM 345, COMM 356, COMM 409, COMM 413, COMM 417, COMM 418, COMM 427, COMM 440-010, COMM 440-011, COMM 444, COMM 450, or COMM 452. Students who have already taken one of the corequisite courses may take the Pro-seminar, but students who want the 4-credit experience will be given enrollment priority.*

Criminal Justice (CRJU)

CRJU 350-080

Honors: Gender and Criminal Justice (3)

Susan Miller

Most of our knowledge about crime and the criminal justice process is informed by male

experiences. This course shifts the focus to examine the ways our legal and social systems affect and influence women's lives. Not only will we examine the various formal and informal controls that restrict women, but we will also examine how these issues intersect one's race, class, sexual orientation, and gender positions in our society. Special criminal justice field experiences (police, courts, women's prison) will be part of the Honors component. *Satisfies Multicultural Requirement. Crosslisted with WOMS 350-080. Meets with a regular section.*

Science and Culture (CSCC)

CSCC 389-080

Honors: Women and Health Issues (3)

Kathleen Turkel

(See WOMS 389-080 for course description.)

Economics (ECON)

ECON 151-080

Honors: Introduction to Microeconomics (3)

Johannes Umstaetter

The concepts of supply and demand will be introduced with basic economic graphs. We will examine models of perfect and imperfect competition and the determination of product price and quantities. In addition, this course covers 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)

Section 080:

Stacie Beck

Section 081:

Vera Brusentsev

Section 082:

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 recovery in the United States, Federal Reserve monetary policy, and the impact of tax and spending measures resulting from the Iraqi War and reconstruction effort, are used to illustrate the analysis. *Prerequisite: ECON 151.*

ECON 301-080

Honors: Quantitative Microeconomic Theory (3)

Michael Arnold

This course 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 consumers and demand, and of firm production and costs. These models are then combined to analyze market outcomes under varying degrees of competition, and to illustrate how microeconomic theory can be used to predict and explain how markets operate. Policy implications of the theory are also discussed. Theories are developed using graphs, algebra, and calculus as basic modeling tools. *Prerequisites: ECON 151 and MATH 221 (MATH 241 recommended.) Restrictions: Credit can be earned for only one of the following courses: ECON 251, ECON 300, or ECON 301.*

ECON 340-080

Honors: International Economics (3)

David Black

Theory, problems, and policy in international trade and finance. Topics include the economic case for free trade, the international exchange rate system, and how the U.S. economy is linked to the world economy. Important international issues include the effects of trade barriers such as tariffs and quotas, the effects of globalization on the U.S. economy, and the significance of changes in the international value of the U.S. dollar. *Prerequisites: ECON 151 and ECON 152.*

ECON 423-080

Honors: Econometric Methods and Models (3)

Kenneth Lewis

Class discussion and research in advanced economic statistics and applied econometrics. *Prerequisite: ECON 422. Satisfies Senior Capstone*

Requirement for Honors Degree and Honors Degree with Distinction majors if taken in one of the last two semesters before graduation. Meets with a regular section.

ECON 426-080

Honors: Mathematical Economic Analysis (3)

David Stockman

Use mathematical tools to formulate and analyze economic propositions. Topics include the use of calculus to analyze comparative statistics, optimization and constrained optimization, interest and growth, and dynamic models. *Prerequisites: ECON 300 or ECON 301, and MATH 221. Satisfies Senior Capstone Requirement for Honors Degree and Honors Degree with Distinction majors if taken in one of the last two semesters before graduation. Meets with a regular section.*

Education (EDUC)

EDUC 247-080

Honors: Professional Issues: Historical Perspectives (3)

Robert Taggart

“What’s wrong with American schools?” is the current cry by critics of public education. Actually, this has always been the case, as you will see from this historical examination of and discussion about educational institutions, students, and teachers in the American past, put into the context of American society and its diversity. How have schools, teachers, and expectations changed for U.S. education, and where are we now? Why is it so difficult to “improve” our schools? *Satisfies Multicultural Requirement.*

EDUC 258-080

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

M. Candela

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. *Open to majors only. Satisfies Multicultural Requirement. Meets with a regular section. Must be available for a practi-*

cum 2 nights per week on MTW and/or R.

EDUC 308-080
Honors: Curriculum in the Primary and Middle Grades (2 PF)

Deidre Lilly

This pass/fail course investigates integrated curriculum in grades K-8. Students in this course should be enrolled in student teaching. In this course, which meets in August before student teaching begins, the benefits and constraints of integrated curriculum are reviewed. Students develop an integrated unit that includes a variety of assessments. Students taking the course for Honors credit will, in addition, investigate how curriculum is integrated in their schools, analyzing the effectiveness of the curriculum and comparing it to models described in the literature. They will meet with the instructor and other student teachers to share their findings. *Open to majors only. Corequisites: EDUC 400 and EDUC 433. Requires concurrent enrollment in EDUC 366 for one additional Honors credit. Satisfies Senior Capstone Requirement for ETE Honors Degree and Honors Degree with Distinction majors if taken in one of the last two semesters before graduation. Meets with a regular section.*

EDUC 310-080
Honors: Reading and Writing in the Primary Grades (3)

David Coker

Focuses on language arts development (reading, writing, listening, and speaking) of kindergarten through fourth-grade children. Explores developmentally appropriate practices. Includes a field experience in kindergarten through fourth grade classrooms. *Open to majors only. Prerequisite: EDUC 210. Corequisite: EDUC 386. Meets with a regular section.*

EDUC 390-080
Honors: Instructional Strategies and Reflective Practice (3)

Judith Patton

This course is designed to provide students with an overview of strategies for teaching and dealing with classroom life in the elementary school. It integrates principles of classroom management, the affective variables present in the classroom,

familiarity with several major cognitive instructional models for teaching strategies, and a discussion of issues facing elementary school teachers. It also provides students the opportunity to become reflective practitioners by engaging in systematic classroom observation, and through discussing and reflecting on those observations. In addition, students will be required to respond to a series of reflective questions concerning classroom environment. *Corequisites: EDUC 310 and EDUC 386. Open to junior and senior majors only. Meets with a regular section.*

EDUC 391-080
Honors Colloquium: Shakespeare's Classical World: Rome and Athens (3)

Jan Blits

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

EDUC 391-081
Honors Colloquium: Culture, Counterculture, and Multiculture (3)

Jan Blits

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

Electrical Engineering (ELEG)

ELEG 312-080
Honors: Electronic Circuit Analysis II (4)
Jorge Garcia

Low-frequency and high-frequency response of RC-coupled amplifiers, Class A tuned amplifiers, tuned power amplifiers, frequency response and stability of feedback amplifiers, oscillators, modulation, and demodulation circuits. *Prerequisite: ELEG 309. Meets with a regular section.*

English (ENGL)

ENGL 110
Honors: Critical Reading and Writing (3)

Section 080: The Journey
Patricia Magee

Whether it's an escape from tyranny, a pilgrim-

age, an immigrant's pursuit of a new life, a journey of the mind, a battlefield experience, or a family vacation—the journey is a fundamental part of the human experience. In this course we'll examine novels, short stories, poetry, and historical accounts of journeys, discussing such questions as what inspires each journey, how the experience transforms the traveler, and, perhaps most importantly, how each journey transforms the reader. Students will write five short response papers, two critical essays, and one research essay. Reading quizzes will aim to keep students on their toes. 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. Readings will include: Mark Twain, *Huckleberry Finn*; Voltaire, *Candide*; Homer, *The Odyssey*; Victor Delnora, *Victor's War*; Antoine de St. Exupery, *The Little Prince*; T.S. Eliot, "The Journey of the Magi"; Tim O'Brien, "On the Rainy River"; Joyce Carol Oates, "Where Are You Going, Where Have You Been?"; Emily Dickinson, "Because I Could Not Stop for Death"; Dylan Thomas, "Do Not Go Gentle Into That Good Night."

Section 081: The Role of the Artist in Literature and Society: Understanding Our Obsession with the Stories behind the Art **Kellye Corcoran**

Why do more people know about Vincent van Gogh's mutilated ear than they know about his work? Why do shows like "Behind the Music" exist? Why do we feel driven to get to "know" the artist in order to appreciate the art? In this course we will try to come to understand our culture's obsession with the artist. We will read a variety of sources including literature dealing with artist figures in general, autobiography and biography of specific artists, and non-fiction sources dealing with the changing role of artists in society and literature. We will focus much of our time on visual artists, but will also have the opportunity to explore the topic in terms of writers and musicians as well. Examples of class readings include: *The Girl with the Pearl Earring*, *Portrait of an Artist*, selections from *The Lives of Artists*, as well as short stories by Hawthorne, Welty, and James. We will also explore

the topic as it appears in films including the possible options of *Pollack*, *Frida*, or *The Girl with the Pearl Earring*. We will use these readings as the starting point for several short written assignments as well as one longer research project.

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 may include the big names such as Faulkner and Hemingway and other quality writers such as Ring Lardner and Jon Krakauer, and Frank Deford of *Sports Illustrated*. That is, we will move among the works of recognized masters and of authors mainly considered as sports writers. We will use their works (and probably a play) 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: Representations and Redefinitions of Reality

Corey M. Taylor

The *Matrix* trilogy succeeded due to its representations of an alternate reality. Though the films were not the first to explore the pliable nature of reality, they do speak to a long-standing trend. Why are we intrigued by the "real" and the "unreal?" How do artists and thinkers represent or (re)define reality? This course will examine novels, essays, and movies that question and attempt to redefine reality. Students will be expected to think and write about abstract and challenging concepts, but our discussions will be grounded in our texts. These may include novels such as Lewis Carroll's *Alice in Wonderland* and *Through the Looking-Glass*, Stanislaw Lem's *So-*

laris, and William Gibson's *Neuromancer*; philosophical texts like excerpts from Plato's *Republic*, selections from Buddhist philosophy, and Jean Baudrillard's "On Simulation"; and films such as Larry and Andy Wachowski's *The Matrix* and Darren Aronofsky's *Pi*. Writing assignments will include four response papers (2 pages each), three thesis-driven shorter essays (3-5 pages each), and a research paper (8-10 pages) that will allow students to explore their own interests within this topic. Everyone is required to participate in discussions. No particular educational interest or background is needed, but an open and curious mind is a must.

Section 084: Magical Arts: Magic and the Unknown in Postmodern Culture **Kainoa Harbottle**

From psychic readings to psychic surgery, from David Copperfield to David Blaine, from *Crossing Over* to *The Pet Psychic*, from Harry Houdini to Harry Potter, magic and the unknown play a significant part in our postmodern consciousness. The central question for our class is to define how we of the twenty-first century think about magic. While on the surface our culture appears immersed in technology and scientific positivism, the uncanny and unknown still play a part in how we choose to define ourselves. This class will examine the meaning of mystery and spectacle in today's culture by focusing on literary and visual portrayals of magic from the nineteenth-century to the present. What does "magic" mean to those who experience it? We will engage with works as diverse as Elizabeth Gaskell's *Cranford*, J.R.R. Tolkien's *The Hobbit*, J. K. Rowling's *Harry Potter and the Chamber of Secrets* and the films based on her other novels, as well as episodes from *Buffy the Vampire Slayer*, *The X-Files* and *The Pet Psychic*. Assignments will include short essays on particular texts as well as a semester research project on an aspect of the practice of magic in postmodern society.

Section 085: Telling Truths, Telling Lies: The Art of War Stories (Past and Present) **Michael Steier**

In his critically acclaimed book *The Things They Carried*, Tim O'Brien tells us, "A war story, if

truly told, makes the stomach believe." How do people tell war stories? What facts do they use? What fictions do they invent? How can we distinguish between them? In this course, we will study the art of the war story through the ages as we encounter classic narratives that speak of courage, despair, hope, and even insanity. We will examine war stories not only as a genre but also as an ever-changing form of cultural expression that questions heroism and challenges our basic assumptions about human nature. We shall also look at war photographs and films such as the recent Homeric adaptation, *Troy*, and Coppola's, *Apocalypse Now*. Our primary reading list may include the following: Shakespeare's *Henry V*, Crane's short fiction, Vonnegut's *Slaughterhouse Five*, and O'Brien's *The Things They Carried*. Historical writings will occasionally be used to supplement our primary readings. Therefore, assignments will vary from literary analysis to historical research on topics of the student's choice that deal with war and story-telling. Assessment will be based on class-participation, reading responses, and writing projects, including one ten-page research paper.

Section 086: Deconstructing the Bitch: A Literary and Visual Exploration of the Myth Versus the Reality **Therese Rizzo**

This class seeks to identify the line between a strong, assertive woman and the dreaded bitch. We will begin our exploration by defining the modern bitch as compared to her historic origins. To do so, we will read non-fiction accounts of women and creatures who straddle the line between shrew and monster. Our first unit will focus on vocal women and the power of language, or too much language, to confer the status of bitch. For this unit, we will read Jane Austen's *Pride and Prejudice* with comparisons to *Bridget Jones's Diary* (the film) and the BBC *Pride and Prejudice*. We will also focus on TV characters such as Lisa Simpson and Karen, from *Will and Grace*, in the hopes of identifying how outspoken a woman can be before we view her as a bitch. Our second unit will focus on physically strong and politically assertive women, and we will read Octavia E. Butler's *Parable of the Sower* to explore her vision of assertive black women. In this

unit we will also address television portrayals of strong women including the similarities and differences between the much-maligned Dana Scully versus the non-threatening Sydney Bristow. Our third unit will look at sexually assertive women and the slippage between images of the slut and images of the bitch. To elucidate this discussion, we will read Margaret Atwood's *The Robber Bride*. Our final unit will ask students to question the slippery slope of bitchdom (in other words, can a strong woman be anything other than a bitch?) by reading Lauren Weisberger's chick lit novel, *The Devil Wears Prada*. Students will be expected to write four papers; the first three will deal with each unit and the final will be a research paper stemming off of any of our topics.

The following English courses are open only to those students who have satisfied the ENGL 110 requirement:

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 316-080

Honors: Peer Tutoring/Advanced Composition (3)

Ray Peters

This course is an advanced composition course with a focus on responding to writing at the college level. Students will receive training in peer tutoring through the study of composition theory, hands-on experience in peer editing and confer-

encing, and several writing projects. The course will prepare students to tutor peers at many stages of the writing process. In addition, they will learn how to meet the many different needs of students on writing projects typically used in the academic world: exposition, analysis, argumentation, and research. Students who complete this course with a B+ or higher will have the option of working as peer tutors in the UHP Writing Fellows Program next year. *Cross-listed with ARSC 316-080. Satisfies Arts and Science Second Writing Requirement for students with junior or senior status. Requires permission of instructor.*

ENGL 324-080

Honors: Shakespeare (3)

Jeanne Walker

Although this class will serve as a good introduction to Shakespeare's work, it will also be exciting for students who are more advanced. We will read some of the sonnets, but focus on the plays, including comedies, histories, tragedies, and romances, with particular interest in performance. Although absolutely no acting experience is needed, students will be asked to read parts aloud in class and we will occasionally watch performances. Class attendance and attendance at two professional productions are required. Grades will be based on class participation, four very short papers, and two half-semester exams. *NOTE: Honors work in this class will involve students meeting outside of class time to rehearse scenes from the plays and then to do performances for the class. The performances will not involve sophisticated blocking, but will require clear, articulate reading and a nuanced understanding of the characters in action. Meets with a regular section.*

ENGL 341-080

Honors: "We Contain Multitudes": American Literature: Civil War to WWII (3)

Jean Pfaelzer

Walt Whitman, in "Song of Myself" wrote, "I am large; I contain multitudes." What did Whitman mean by "containing" multitudes? How does literature do that? This course looks at national "multitudes" — the richness and diversity of American literary cultures, together with certain themes and issues that preoccupied most Ameri-

cans at the time and still trouble us now. This course presumes that as we read during the early years of the third millennium, we are not discovering issues of racial identity and conflict, immigration, passion, difference, equality for women, competing meanings of rural space, and the fears and seductions of the unknowable city. In fact, the way we understand and express these concerns now is shaped by the ways these preoccupations were interpreted, imagined, and represented in the era from slavery and the Civil War to World War II. How do literary traditions, movements and forms from this era--Sentimentalism, Realism, Naturalism, Modernism, Blues, Jazz--shape how we experience the world today? What sorts of dialogues do we find between texts? between authors? between the traditional stars of the literary canon and authors new to the ever-changing canon of American lit? between the ways authors thought their works would be read and how we read them today? We will read texts by Rebecca Harding Davis, Lydia Maria Childs, Frederick Douglass, Henry James, Mark Twain, W. E. B. du Bois, Theodore Dreiser, Langston Hughes, and Zora Neale Hurston. This course will root the fiction in the history of its time, and will consider, in turn, the way culture shapes history. This will be a student-centered discussion course. There will be two papers, two exams, and frequent "writing bursts". Working in panels, students will lead parts of many discussions.

ENGL 480-080

Honors: Seminar: Reading in America, 1800-2000 (3)

Martin Brueckner

This interdisciplinary seminar explores the historical and aesthetic function of "reading" in relation to American literature. By concentrating on the figure of the "Reader" and the cultural practices surrounding the "Art of Reading" we will examine how material, cognitive, and pedagogic aspects of literacy developed in relation to American literary culture broadly defined. Our discussions will address the relationship between elite and popular reading cultures; mass culture and democracy; pedagogy and censorship; and strategies of domination, resistance, and appropriation. Texts range from Franklin's Autobiography to Spiegelman's cartoon *Maus*. Two presentations

and one research paper. *Satisfies Arts and 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: Seminar: Writing California (3)
Carl Dawson

This course ranges from the nineteenth to the early twenty-first century and explores the ways that novelists, poets, and essayists come to terms with California's history, ecology, politics, and peoples. Our assigned authors include Mary Austin, Jack London, Wallace Stegner, Gary Snyder, Philip Levine, Joan Didion, and Maxine Hong Kingston. In the second half of the course, students will also read and report on writers of their own choosing. "Writing California" requires research, papers, class participation, and perfect attendance. The course will be demanding and, I think, rewarding. *Satisfies Arts and 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 480-085

Honors: Seminar: The History of Shakespeare (3)

Kristen Poole

This course examines two aspects of Shakespeare's history. First, we will be considering how Shakespeare himself used history, reading many of the history plays and their original sources. Second, we will be exploring the history of "Shakespeare" and how the author and his plays became iconic features on the Anglo-American cultural landscape. In addition to reading plays such as *Henry IV 1 and 2*, *Henry V*, *Richard III* and many others, we will thus also be reading scholarly essays and materials in the Morris library's Special Collections. We will also be examining how Shakespeare's history plays have been translated to film. Since this course fulfills the university's second writing requirement, it will be writing intensive, culminat-

ing in a final research paper. *Satisfies Arts and 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.*

Entomology and Wildlife Conservation (ENWC)

ENWC 205-080

Honors: Elements of Entomology (3) Dewey Caron

Insects—the little things that run the world! This course explores the lives of insects and examines how they seem to compete so successfully in interactions with humans. The approach includes basic insect identification, structure and function, behavior, ecology, evolution, pest control, insect societies, and cultural/historical features. Insects will be used to explain basic biological principles, with an emphasis on the unifying biological themes of evolution and ecology. The Honors section utilizes an additional resource, the amazingly successful paperback *The Forgotten Pollinators*, in addition to the regular section's lectures and grading. *Meets with a regular section; separate Honors discussion.*

ENWC 214-080

Honors: Apiology and Apiculture (2) Dewey 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. *Corequisite: ENWC 224-010. Meets with a regular section; separate Honors discussion.*

ENWC 300-080

Honors: Principles of Animal and Plant

Genetics (3)

Joan Burnside

(For course description see ANSC 300-080.)

Finance (FINC)

FINC 312-080

Honors: Intermediate Financial Management (3)

Raj Varma

In this course we will enhance our understanding of the material covered in FINC 311 by examining the effect of long-term decisions made by financial managers of a firm. Throughout the semester, our understanding of the material covered will be complemented by the cases-in-point in the course pack available for purchase from the University Bookstore. By the end of the course you should be able to develop a critical apparatus, which will allow you to evaluate not just financial management decisions but other decisions as well. *Prerequisite: FINC 311.*

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. 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. *Prerequisite: BISC 300, CHEM 214 or CHEM 527, or FOSC 439. Meets with a regular section during first month. Meets with a 600-level course.*

Foreign Languages and Literatures (FLLT)

FLLT 331-080

Honors: Introduction to Chinese Film (3)

Maria Tu

This course introduces you to the treatment of recurring themes in Chinese films such as those related to various forms of love, death, and gender roles. Specifically, the course examines issues of passion (love and revenge), desire, sexuality, death, and masculinity and femininity in relation to those of duty (filial piety, loyalty to the state, etc.), politics and nationalism. The course, in particular, will focus on the issues of gender politics and female sexuality of various ideological persuasions and psychological dispositions and how such issues are articulated cinematically. The cinematic representation of all these themes is studied both from historical and contemporary perspectives. In addition, the course will familiarize you with the basics of feminist theories and test their validity in the application to the women's issues raised in the Chinese films you will view. *Satisfies Multicultural Requirement. Meets with a regular section.*

FLLT 360-080

Honors Colloquium: The Aesthetics of Horror (3)

Nancy Nobile

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

FLLT 380-080

Honors: Japanese Culture in Translation: Japanese Cinema (3)

Sari Kawana

This course surveys the most important and exciting cinematic works from postwar Japan. In the first part of the course, we will visit the "masterpieces" – world-renowned works by legendary directors such as Kurosawa Akira, Ozu Yasujirô, and Mizoguchi Kenji. We will also discuss techniques of cinema using their works in order to familiarize ourselves with the critical terms of film studies. The second part of the course is divided by theme and is designed to touch on some of the crucial issues (e.g., depic-

tion of violence on screen) as well as recent developments (e.g., popularity of Japanese horror in the global market) surrounding Japanese cinema today. Throughout the course, we will try to ascertain the relationship between Japanese cinema and Hollywood. *Satisfies Multicultural Requirement. 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

(See ANSC 270-080 for course description.)

French (FREN)

FREN 205

Honors: French Conversation (3)

Prerequisite: a minimum grade of B in FREN 107 or FREN 112 or one 200-level course. Meets with a regular section.

Section 080:

Lysette Hall

This course is primarily designed to help students improve their speaking ability. Students will watch many short videos taken in 2004 of French students discussing contemporary topics. Based on these interviews students will engage in many communicative activities such as class discussions, role-plays, debates, surveys, etc. In addition to daily participation, students are required to perform two oral presentations, write a few short compositions (related to class discussions), and use the web to further their reading and understanding skills. At the end of the semester students will have a deeper understanding and appreciation of issues concerning their French counterparts and will be able to communicate effectively with native speakers. This course is also an excellent preparation for higher-level French classes.

Section 081:

Isabelle Harpey

Would you like to improve your speaking ability

and be able to communicate effectively with native speakers? Then French conversation may just be the class for you. Enhance your oral skills by learning new vocabulary during class discussions, reading authentic material, and watching short videos about daily life in France and francophone countries. Students will be required to perform oral presentations, write short compositions (related to class discussions), and complete WEB activities. At the end of the semester, students will have a better understanding and appreciation of the French culture. This class is a very good preparation for higher-level French classes.

FREN 211
Honors: French Reading and Composition (3)

Prerequisite: FREN 200 (minimum grade of C) or FREN 107 (minimum grade of A-) or FREN 112 (minimum grade of A-). Meets with a regular section.

Section 080: Flora Poindexter
Selected short readings in French and francophone literature, with some grammar review. This course will help you develop your reading skills and expand your vocabulary as you learn to analyze literary texts. Frequent compositions provide writing practice.

Section 081: Gary Ferguson
Selected readings with discussion and analysis of French and francophone short stories, grammar review, compositions, and 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, and to refine your grammatical skills through the writing of compositions and an essay.

FREN 301-080
Honors: Introduction to French Literature: Prose (3)

Deborah Steinberger

This semester, immerse yourself in tales of outlaws and savages, princes and princesses, loyal servants and heartless masters, despair and revenge, sin, and repentance! Improve your written French and enhance your reading skills as you analyze and discuss short fiction by some of the greatest French authors, including Sartre, Gabrielle Roy, Flaubert, Chateaubriand, La Fayette, and Perrault. FREN 301 is intended to give students the tools with which to discuss French prose texts from the sixteenth 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.*

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. *Satisfies Multicultural Requirement. Meets with a regular section; separate Honors discussion.*

GEOG 236-080

Honors: Conservation: Global Issues (3)

Yda Schreuder

Global Issues introduces students to a broad spectrum of the most pressing environmental concerns affecting both developed and developing countries. By focusing on the central, unifying theme of economic development, students will begin to understand the increasingly interdependent and rapidly changing world in which they live. Rather than being given simple solutions to environmental problems, students instead will learn about the developmental choices that have been made to deal with the problems, and some of the failures that have resulted from these choices. The format allows for critical student thinking through problem-based learning techniques applied to global environmental issues. Some of the issues included in the course are: global warming, biotechnology, and energy. Suitable for students interested in geography, environmental science, political science/international relations, and education. *Satisfies Multicultural Requirement.*

Greek (GREK)

GREK 102-080

Honors: Elementary Ancient Greek II (3)

Colin Pilney

The aim of this course is to acquaint the student with ancient Greek grammar (Attic, Ionic). Further readings in ancient Greek develop the student's ability to translate ancient Greek. *Prerequisite: GREK 101. Meets with a regular section.*

GREK 214-080

Honors: Plato's Symposium (3)

Colin Pilney

This is an intermediate course in ancient Greek language and literature. The focus of the course

will be the philosophical writings of Plato, specifically his *Symposium*. Particular emphasis will be placed on the development of reading and translating skills, but the content of the work will also be discussed. *Prerequisite: GREK 213. Meets with a regular section.*

Health and Exercise Sciences (HESC)

HESC 220-080

Honors: Anatomy and Physiology (3)

David Hudson

This lecture course focuses on fundamental structural and functional features of human anatomy and provides the framework for more advanced coursework in anatomy and related topics. Emphasis is placed on the nervous, muscular and, skeletal systems as well as other connective tissues that support these systems. Honors students will complete a computer-based project that will help them to appreciate the interactions among the systems covered in the course, and will have the opportunity to observe how knowledge of anatomy is applied in a clinical setting. *Restriction: Open to HESC majors only. Meets with a regular section.*

HESC 300-080

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

D. Allan Waterfield

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 a regular section.*

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 of 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 HESC 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. *Open to HESC 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. *Open to HESC majors only. Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation. Prerequisites: Junior or senior standing and completion of STAT 200 with at least a C-. Meets with a regular section.*

The following upper-division HESC courses, open only to HESC majors, may be taken for Honors credit. All courses meet with a regular section. Course descriptions, prerequisites, corequisites, and restrictions may be found in the Undergraduate Catalog.

HESC 427-080

Honors: Biomechanics II (3)

Slobodan Jaric

HESC 430-080

Honors: Physiology of Activity (3)

Michelle Provost-Craig

HESC 434-080

Honors: Exercise Test Technology (3)

Michelle Provost-Craig

HESC 463-080

Honors: Practicum in Exercise Science (1-6 PF)

Michelle Provost-Craig

HESC 464-080

Honors: Internship: Fitness Management (9 PF)

Avron Abraham

HESC 464-081

Honors: Internship: Recreation (9 PF)

Roger Spacht

HESC 464-082

Honors: Internship: Sports Management (9 PF)

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 man from the Fall of the Roman Empire to the conclusion of the wars of religion in the middle of the 17th century. Extensive use of slides. Two hourly tests and a final exam. *Meets with a regular section.*

HIST 205-080

Honors: United States History (3)

Peter Kolchin

This course covers the history of the United States from the beginning of colonization through the Civil War. Topics receiving particular emphasis—often in comparative context—include American distinctiveness, the character and consequences of the American Revolution, the American political system, slavery, and the coming of the Civil War. *Meets with a regular section.*

tion; separate Honors discussion led by the professor.

HIST 206-080

Honors: United States History (3)

Ray Wolters

This Honors section will focus on three important aspects of American history since 1865: race relations, economic and political history, and the role of the United States in World War II and the Cold War. Students will be required to take three one-hour examinations and to write two five-page papers. *Meets with a regular section; separate Honors discussion.*

HIST 268-081

Honors: Seminar: Fascism and Communism in Europe (3)

Jesus Cruz

Fascism, communism, and to a lesser degree, anarchism, seemed to offer efficient and rapid solutions to the economic, social, and political troubles created by World War I and the Great Depression. For that reason, these ideologies captivated the imagination of many Europeans during the 1930s. However, the radical nature of their solutions took European politics to the brink of armed confrontation. This seminar will explore the developments that led up to that polarization through the study of the Spanish Civil War (1936-39) and the rise of the Nazi Party in Germany. Students will write a research paper based on a variety of primary sources available at the University library and the Internet. *Restriction: Open to HIST majors only. Meets with regular section.*

HIST 291-080

Honors: Women's History Through Film (1)

Kathleen Turkel

(5-week short session: February 22-March 22.) Partially fulfills Multicultural Requirement. Meets with a regular section. Crosslisted with WOMS 291-080.

HIST 302-080

Honors: The World In Our Time (3)

Guy Alchon

This course explores the twentieth century, an era

of unsurpassed wonders and cruelties. It introduces some of the ideas and forces driving both modern times and the modern U.S., while emphasizing particular people living amidst, creating, their times. The course, then, examines such categories as Progress, Empire, and Genocide, and such qualities as Courage, Complicity, and Goodness. Ultimately, the course is interested in nothing less than the fate, the possibility, of Hope. *Satisfies Arts and Science Second Writing Requirement. Meets with a regular section.*

HIST 343-080

Honors: Medieval Europe: 1050-1350 (3)

Daniel Callahan

This lecture course will examine some of the principal political, social, and cultural developments in Western Europe during the central Middle Ages. Special attention will be given to the influence of the Church and to the rapidly developing urban life. One hour exam, a paper, and a final examination. *Freshmen should not register for this course. Meets with a regular section.*

HIST 347-080

Honors: The French Revolution and Napoleon (3)

John Hurt

This course treats the attempt of the French to convert their political system from absolute monarchy to constitutional government; the radical phase called the Terror, which supplanted that effort; and the administration of Napoleon Bonaparte, which ended it. Honors students will do supplementary readings and meet with the professor to discuss these readings. *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. Reading will be from Hegel, Marx, Kierkegaard, Mill, and Thomas Mann. *Meets with a regular section.*

HIST 471-080**Honors: Seminar: Europe in the 11th Century (3)****Daniel Callahan**

This seminar will examine the political, social, economic, religious and intellectual development of Europe in the “century of iron.” It will pay particular attention to the monastic achievements of the period and to relations between East and West. The final grade will be based on a research paper of at least twenty pages and on the amount and quality of seminar discussion. *Satisfies Arts and Science Second Writing Requirement. Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation. Meets with a regular section.*

HIST 471-081**Honors: Seminar: Readings in Western Civilization and World History (3)****Lawrence Duggan**

This will be an intensive reading seminar on topics in World and Western history, beginning with Jared Diamond’s *Guns, Germs, and Steel*, and going on to sugar, salt, apples, technology, work, European expansion, religion, and the like. *Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation. Meets with a regular section.*

Hotel, Restaurant, and Institutional Management (HRIM)**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. *Open to freshmen and sophomores. Meets with a regular section.*

HRIM 201-080**Honors: Food Principles (2)****Ronald Cole**

Principles of food selection and preparation 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. *Open to HRIM majors only. Corequisite: HRIM 211. Meets with a regular section.*

HRIM 212-080**Honors: Club Management (3)****Ali Poorani**

Provides an overview of elements unique to club management such as the nature of private membership, investment, governance, club house operations, food and beverage operations, elements of quality service, financial structures of clubs, accounting and private club marketing. *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 versus 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 218-080**Honors: Beverage Management (3)****Robert Nelson**

Beverages are a complex product category with legal and social issues that require special attention from management. Emphasizes legal and ethical issues associated with serving alcoholic beverages, an in-depth study of wine, mixology, inventory control, and profitable beverage management. *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. Please see Undergraduate Catalog for course descriptions.

HRIM 316-080
Honors: Cross-Cultural Etiquette and Protocol (3)
Pamela Cummings
(Satisfies Multicultural Requirement.)

HRIM 321-080
Honors: Quantity Food Service Management (2)
Ronald Cole

HRIM 322-080
Honors: Retail Design and Consumer Behavior (3)
Paul Sestak
(See *CNST 322-080* for course description.)

HRIM 327-080
Honors: Property Engineering (3)
Paul Sestak

HRIM 346-080
Honors: Hospitality Industry Web-Based Marketing (3)
Srikanth Beldona

HRIM 380-080
Honors: Management of Lodging Operations (3)
Brian Miller

HRIM 381-080
Honors: Management of Food and Beverage Operations (3)
Ronald Cole

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)
Staff

HRIM 480-080
Honors: Human Resources Management in the Hospitality Industry (3)
Ali Poorani

HRIM 481-080
Honors: Marketing in the Hospitality Industry (3)
Srikanth Beldona

HRIM 482-080
Honors: Law of Innkeeping (3)
Ronald Cole

HRIM 487-080
Honors: Management Systems in the Hospitality Industry (3)
William Sullivan

Individual and Family Studies (IFST)

IFST 202-080
Honors: Foundations of Family Studies (3)

Barbara Settles

This course examines American families from a variety of historical, methodological, and theoretical perspectives. In particular, this course focuses on the demographic and social changes that American families have undergone, as well as the causes and consequences of these changes. Furthermore, this course emphasizes differences between families based on gender, race, ethnicity, and socio-economic status. *Satisfies Multicultural Requirement. Meets with a regular section.*

IFST 235-080
Honors: Survey in Child and Family Services (3)

Norma Gaines-Hanks

This course is designed to help students understand the scope of human service agencies that focus on the needs of children and families. Upon completion of the course, students will be aware of current problems facing children and families, identify “best practice” approaches to helping children and families, and understand how diversity among children, families, and communities can inform service delivery. Course readings, assignments, and methods of evaluation are individually tailored to needs and interests of Honors students. *Restriction: Not open to freshmen. 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 issues in courtship, marriage, and the family in contemporary society. Course objectives include: understanding 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. *Prerequisite: IFST 202. Meets with a regular section.*

*Italian (ITAL)***ITAL 200-080****Honors: Italian Grammar Review (3)****Riccarda Saggese**

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

ITAL 205-080**Honors: Italian Conversation (3)****Meredith Ray**

You are so close to proficiency in Italian! Consolidate your hard-earned language skills in a series of conversations and oral presentations, with grammar review when appropriate. Students will discuss current events along with material from films, the Internet, and other sources. *Prerequisite: ITAL 107 with a minimum grade of B. One 200-level course may be substituted for prerequisite. 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 ITAL 212. Meets with a regular section.*

ITAL 455-080**Honors: Italian Cinema from Neorealism to the Present (3)****Gabriella Finizio**

Like the people who crowded the movie theater in *Nuovo cinema Paradiso*, you will stare, wonder, laugh or cry, while watching different narrations about the dramas, dreams and accomplishment of Italians in the last 60 years. Come to the movies and learn about Italian history, culture and language. In addition you will begin to read, via the grammar of the images created by the greatest Italian directors, the intricate connection between reality and its representation on the screen. You will see how De Sica's little Bruno in *The Bicycle Thief* evolves into Tornatore's Totò in *Nuovo cinema Paradiso*, or why Roberto Benigni's *La vita è bella* represents an essential work in the history of the representation of the Holocaust. *Screening of movies : Monday 6:00 - 8:00 p.m. Prerequisites: ITAL 310 and ITAL 311. Meets with a regular section.*

*Japanese (JAPN)***JAPN 105-080, -081, and -082****Honors: Japanese I - Elementary (4)****Mark Miller**

A specially designed course to put students on the fast track to Japanese literacy. In addition to lots

of survival verbal skills, Honors students are taught two alphabets and approximately 50 Chinese characters known as kanji. After just one semester you will be able to survive in Japan, and you will have a complete knowledge of the two Japanese alphabets, enabling you to read some labels, menus, and other printed material in Japanese. When not working on literacy skills, we'll indulge in other activities such as "sayo-nara" quiz games, interviews, or charades, and more. A challenging but enjoyable time is guaranteed for all. *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)
Sari Kawana

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 Compo-
sition (3)
Mutsuko Sato

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 205-080
Honors: Japanese Conversation (3)
Mark Miller

In this course students continue studying Japanese using the same textbook series, *Genki*. The course continues further training in speaking, listening, reading, and writing Japanese. Honors students will continue to receive expanded coverage of the written language through special assignments and activities that will give them both advantages and greater insights into Japanese. *Prerequisite: JAPN 107 with a minimum grade of B. Satisfies Multicultural Requirement. Meets with a regular section.*

JAPN 305-080
Honors: Japanese Conversation and
Composition (3)
Chika Inoue

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: Three of the following: JAPN 200,*

JAPN 205, JAPN 206, JAPN 209, or instructor's permission. Meets with a regular section.

JAPN 455-080

Honors: Advanced Japanese Literary Writings (3)

Sari Kawana

In this course students continue to build on the foundation they have established in JAPN 305 and 355. Students will develop further proficiency in the four skills of listening, speaking, reading, and writing, and will also work to attain the fifth skill, thinking in Japanese. Materials include a textbook appropriate to the skill level of the students, additional readings, and work with the Web. *Prerequisites: Two courses at the 300-level, or the permission of the instructor. Meets with a regular section.*

Latin (LATN)

LATN 102-080

Honors: Elementary Latin II (3)

Colin Pilney

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

LATN 214-080

Honors: Vergil (3)

Colin Pilney

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

Legal Studies (LEST)

LEST 210-080

Honors: The Law and You (1 PF)

Joan deFattore

In this lunchtime lecture series, distinguished Delaware lawyers and legal scholars discuss the varied career paths they have chosen, together with major issues in current law; e.g., the death penalty, the jury system, foreign policy, corruption in large corporations, and the active involvement of lawyers in politics and public-interest

groups. Requirements include attending every week and passing a take home examination based on a list of questions generated by the class. Honors students are required to attend an additional law-related lecture on or off campus (student's choice) and to answer an additional examination question. *Meets with a regular section.*

Linguistics (LING)

LING 101-080

Honors: Introduction to Linguistics (3) Staff

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. *Satisfies Multicultural Requirement.*

Mathematics (MATH)

MATH 222-080

Honors: Calculus II (3)

Staff

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)

Rakesh

This course is a continuation of MATH 242 Honors. 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, and series. *Prerequisite: MATH 242.*

MATH 349-080**Honors: Elementary Linear Algebra (3)****Staff**

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 a regular section.*

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

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 and CIEG majors only. Meets with a regular section.*

MATH 518-080**Honors: Math Models and Application (3)****Staff**

Illustration and analysis of mathematical models for problems in the biological, physical, and so-

cial sciences. The Honors section will also include a study of and a project on the evaluation of health care in trauma centers. *Prerequisites: 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)****Staff**

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. *Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation. Prerequisites: MATH 302, MATH 349, ECON 301, and ECON 303. Meets with a 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 atten-

dance at the Annual Legislative Symposium in Washington, D.C., sponsored by the American Society for Clinical Laboratory Science. *Restriction: Open to MEDT 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 models 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 a regular section for lecture; separate Honors discussion.*

MEDT 406-080

Honors: Medical Microbiology (3)

Donald 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 lectures, 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.*

The following upper-level Medical Technology Clinical Practica are Capstone experiences where students apply laboratory principles and techniques learned in campus courses to real-world situations. The Honors section of these courses provides the student with an opportunity to explore enrichment experiences that are beyond the scope

of the University's Medical Technology curriculum. An opportunity to arrange a unique enrichment experience will be scheduled with the Instructor overseeing the practicum prior to the start of the clinical practicum. These courses are open to senior MEDT majors only. Please see Undergraduate Catalog for course descriptions.

MEDT 473-080

Honors: Clinical Chemistry Practicum (3 PF)

Leslie Allshouse

MEDT 475-080

Honors: Clinical Hematology Practicum (3 PF)

Leslie Allshouse

MEDT 477-080

Honors: Clinical Microbiology Practicum (3 PF)

Leslie Allshouse

MEDT 479-080

Honors: Clinical Immunohematology Practicum (3 PF)

Leslie Allshouse

Mechanical Engineering (MEEG)

MEEG 304-080

Honors: Machine Design - Elements (3)

Dick Wilkins

Aspects of machine design: statistical nature, theories of failure, design for strength, and design of machine elements. *Prerequisites: MEEG 215, MEEG 301, and MEEG 321. Open to majors only. Meets with a regular section.*

MEEG 332-080

Honors: Fluid Mechanics (3)

Leonard Schwartz

Compressible flow, isentropic flow, shock waves; lift and drag; inviscid flows, potential and stream functions, elementary wing theory; boundary layers, computational fluid dynamics. The Honors section will include an introduction to additional powerful predictive methods for the analysis of fluid flows. *Prerequisite: MEEG331 or CIEG305.*

MEEG 342-080
Honors: Heat Transfer (3)
Suresh Advani

Conductive, convective, and radiative heat transfer. Finite difference methods for solving transient, multi-dimensional problems numerically. Analysis of fins and heat exchanges. Honors students will have to present to the class a project on how they can apply the heat transfer principles to a selected application. *Prerequisite: PHYS 310. Meets with a regular section.*

Music (MUSC)

MUSC 101-080
Honors: Appreciation of Music (3)
Lawrence Stomberg

This course will provide an introduction to musical fundamentals and Western music literature. The presentation will be largely non-technical, though some basic technical aspects of the music will be explored. Musical works across a large time span will also be studied in the larger context of artistic, social, political, and religious influences.

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 311-080
Honors: Music History: 400 through 1600 (3)
Russell Murray

The history of musical style and theory in the Middle Ages (5th through 16th centuries) and the Renaissance (15th and 16th centuries). The honors section provides the opportunity for a more focused exploration of musical, theoretical, or cultural aspects of the music studied in the class. This semester students will concentrate on the process of learning, teaching, and creating the music of the Middle Ages and Renaissance. *Pre-*

requisite: MUSC 211. Meets with a regular section.

Nutrition and Dietetics (NTDT)

NTDT 200-080
Honors: Nutrition Concepts (3)
Kelebogile Setiloane

Functions and sources of nutrients, dietary adequacy, and dietary guidelines. Energy balance, weight control, and evaluation of popular diets and ideas. Nutrition concerns such as world food problems, food safety, alcohol, and malnutrition will be included. *Meets with a regular section.*

Nursing (NURS)

NURS 354-080
Honors: Psychosocial Nursing (3)
Christine Reilly

Presents selected concepts and theories related to restoring and maintaining optimal health of patients experiencing psychopathology. *Prerequisite: All 200-level required nursing courses except NURS 222. Corequisite: NURS 222. Restrictions: Open to NURS majors only. Meets with a regular section.*

NURS 356-080
Honors: Nursing Care of Children and Families (3)
Amy Johnson

This pediatric nursing course introduces nursing care of children and their families through applying knowledge from the sciences. Honors students will engage in research discussion and hands-on clinical experiences in the Special Care Nursery to better integrate science and research into clinical nursing practice. *Prerequisite: All 200-level required nursing courses except NURS 222. Corequisite: NURS 222. Restrictions: Open to NURS majors only. Meets with a regular section.*

NURS 358-080
Honors: Women's Health Nursing (3)

Lisa McBeth-Snyder

This course presents selected concepts related to the nursing care of the childbearing family. Honors students will have the opportunity to explore some high risk problems concerning the pregnant woman in further detail. There will also be a 4-hour clinical experience in Labor and Delivery. *Prerequisite: All 200-level required nursing courses except NURS 222. Corequisite: NURS 222. Open to NURS majors only. Meets with a regular section.*

NURS 475-080**Honors: Senior Preceptorship (6)****Staff**

Comprehensive application of concepts and skills learned throughout the nursing curriculum which facilitate the transition to the professional role of the nurse. *Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation. Restrictions: Open to NURS majors only. Prerequisites: NURS 452, NURS 453, NURS 454, and NURS 455. Corequisite: NURS 474.*

Philosophy (PHIL)

PHIL 102-080**Honors: Introduction to Philosophy (3)****Joel Pust**

This course is an introduction to philosophy through the study of some representative topics. Specifically, the course will cover questions in the following areas: Philosophy of Religion, Epistemology, Philosophy of Mind, Ethics, and Metaphysics. Questions to be considered include the following: Does God exist? Can we know that an external world exists? What is the relationship between mind and brain? What, if anything, makes our actions right or wrong? Do we have free will?

PHIL 202-080**Honors: Contemporary Moral Problems (3)****Lucia Palmer**

This course is designed to introduce the student to the most crucial moral issues that beset our con-

temporary society. It analyzes moral issues regarding the individual; the individual in society; and the individual and society. The student will learn what is problematic about human sexuality; when and if killing is permissible, and the extent to which social roles relate to human responsibility. In addition to analyzing sex, abortion, euthanasia, the death penalty, racism and sexism, and cloning, students will learn a good amount of moral theories and some of the most important classical and contemporary moral traditions. *Crosslisted with WOMS 203-080.*

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. *Meets with a 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 ex-

pected 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. Satisfies Multicultural Requirement. Meets with a regular section; separate Honors discussion.*

PHIL 312-080
Honors: Late Medieval Philosophy (3)
Katherin Rogers

In the middle of the Middle Ages Islamic philosophers rediscovered the thought of Aristotle. Centuries of debate among Christian, Jewish, and Islamic philosophers followed on a range of ever-timely questions, including: “Can science and religion be reconciled?” and, “Is morality universal and objective?” We will study the chronological course of these debates, ever mindful that our main question is always, “Is the argument in question valid and sound?” Reading will be moderate. Discussion is encouraged. *Meets with a regular section.*

PHIL 389-080
Honors: Women and Health Issues (3)
Kathleen Turkel
(See WOMS 389-080 for course description.)

PHIL 465-080
Honors: Senior Seminar: Genetics and Responsibility (3)
Mark Greene

On trial for the 1991 murder of a pizza parlor manager, Stephen Mobley argued a genetic predisposition to violence in mitigation of his crime. Can links between genetics and criminal behavior be established? What are the implications for moral and legal responsibility? In this class we will unravel some of the scientific debates over the influence of genetics over criminal behavior. We will consider how genetics might challenge assumptions about ourselves as having truly free will. *Satisfies the Arts and Science Second Writ-*

ing Requirement. Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation. Meets with a regular section.

Physics (PHYS)

PHYS 201-080
Honors: Introductory Physics I (4)
Barbara Williams

The first half of a two-semester course that provides an introduction to algebra- and trigonometry-based physics for students majoring in biology, chemistry, sciences other than physics, pre-medicine, as well as other disciplines. The course makes extensive use of WebCT for delivery of course materials and submission of most course assignments. Mathematical techniques used in the course require well-developed functional skills in algebra and trigonometry. Instructional methods include cooperative, problem-based, and student-centered learning strategies to teach physics principles and their application to the real world. *Meets with a regular section.*

PHYS 207-080 and -081
Honors: Fundamentals of Physics I (4)
James MacDonald

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. Corequisite: MATH 241. Restrictions: Only one course from among PHYS 104, PHYS 207, and SCEN 101 can count toward graduation.*

PHYS 208-080
Honors: Fundamentals of Physics II (4)
Karl Unruh

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

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; separate Honors lab.*

PLSC 267-080

Honors: Healing Plants: Medicine, Myth, Magic (3) Sherry Kitto

Since the beginning of time, human life has been connected to plants. Regardless of the society or culture, plants have provided food, shelter, and medicine and have been a source of spiritual discovery. In this course, we will explore the medicinal use of plants from several perspectives—scientific, historical, and cultural. We also will examine the healing properties that come from cultivating and enjoying plants. Topics will include plant-based medicinal traditions in China; in Belize among the Mayans; and of the indigenous peoples of North America, India, and Africa. Activities will include a student-researched/developed medicine walk and growing plants. A field trip to Delaware's Herbarium and a plant-compounds analytical laboratory at Delaware State University is also planned.

PLSC 270-080

Honors: Biotechnology: Science and Socio-Economic Issues (3) Lesa Griffiths and Sherry Kitto

(See ANSC 270-080 for course description.)

PLSC 300-080

Honors: Principles of Animal and Plant Genetics (3) Joan Burnside

(See ANSC 300-080 for course description)

Political Science and International Relations (POSC)

POSC 100-080

Honors: Introduction to Political Science (3) Paige Eager

This course is an introduction to the study of political science and the academic field of political science. Students will be introduced to the various sub-fields of political science including: political theory, international relations, comparative politics, American politics, and American foreign policy by discussing a wide host of "current hot issues". This course is taught in a very interactive environment, and a great deal of student participation is absolutely required. Please note this course is limited to freshmen and sophomore political science majors. There are no pre-requisites for the class. Course grading will consist of class discussion/attendance, presentations, writing assignments, and exams. *Please note that this course is limited to freshmen and sophomore POSC majors.*

POSC 150-080

Honors: American Political System (3) James Magee

Given the public events of the last four years, this is an extraordinarily important and exciting time to be studying American government, and this course introduces students to the political and governmental system operating in the United States: the structures and institutions (the "system"), the participants (the "players" who use the system as well as the inactive subjects of the system), and some of the foreign and domestic policies pursued in contemporary America. Most citizens describe this governmental system as a "democracy." All the attributes of a democracy exist: freedom of speech and press, institutions accountable to the people through free and open elections and universal voting, political parties, and interest groups with a constitutional right to petition the government. But many question how democratic America really is. Presidential candidate Ralph Nader, for example, claims that the two major political parties and the governmental institutions have become the fiefdoms of corporate America. Many scholars, too, question the

extent to which the United States operates democratically. The main text in this course is called *The Challenge of Democracy*, the underlying theme of which is that to work properly democracies must be constantly reinvigorated, that they cannot be taken for granted. *Note: POSC 167-080 is a co-requisite for this course. Students must register for both POSC 150-080 and POSC 167-080 in order to receive Honors credit (4). POSC 167-080 is an additional 1-credit weekly laboratory/workshop experience which will provide students with opportunities to explore and analyze more deeply the themes of American politics covered in the course. Students who don't want Honors credit for POSC 150 should register in Section -010 or -011.*

POSC 167-080

Honors: Exploring American Politics (1) James Magee

Weekly sessions to accompany POSC 150: American Political System. Students enrolled in this section will analyze an array of problems in American government and politics. Individual and group participation will be expected. *Co-requisite: POSC 150-080.*

POSC 311-080

Honors: Politics of Developing Nations (3)

Daniel Green

This course focuses on political and economic processes in developing countries, or what was once called the "Third World." It deals broadly with three geographic areas — Africa, Latin America and East Asia, and includes country case studies in each region. The critical processes of building democracy and achieving economic development are underlying themes of the course and are examined from a historical perspective, with a strong emphasis on comparative analysis of the three regions' experiences. *Satisfies Multicultural Requirement.*

POSC 444-080

Honors: Global Agenda 2004: Enemies List (3)

Ralph Begleiter

An international media and policy speaker series that focuses on "enemies" of the United States,

ranging from specific nations to global environmental terrorism, computer, and health threats. Exploration of complex relationships that make some "friends" also "enemies." Assignments will include analytical papers on the subject of each speaker's topic. *Recommended for seniors. No prerequisites, but extremely limited enrollment. Extensive time commitment includes opportunities for close encounters, dinners, receptions with visiting speakers. Meets with a regular section.*

Psychology (PSYC)

PSYC 100

Honors: General Psychology (3) (formerly PSYC 201.)

Section 080:

Beth Morling

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 may include reading scientific articles, writing collaboratively, producing original research proposals, participating in debate on current controversies, or carrying out research projects in small groups. Emphasis is on evidence-based explanation and clear and concise exposition.

Section 081:

Paul Quinn

A foundation course in the basic concepts of the scientific study of behavior. First half emphasizes research methods, the brain, sensation, perception, learning, and cognitive processes. Second half considers intelligence, personality, mental disorders, psychotherapy, and social psychology. Course will demonstrate how science proceeds through a dialogue between theory and experiment, rather than a compilation of neutral facts. Class reaction to the ideas will be encouraged to allow for student participation in the scholarly conversation. Focus will be on

understanding the determinants of behavior from multiple perspectives.

PSYC 380-080

Honors: Psychopathology (3)

Elizabeth Parker Ware

This course will take an in-depth look at the major psychiatric disorders such as Bipolar Disorder, Schizophrenia, and Obsessive-Compulsive Disorder. The first quarter of the course will focus on processes of classification and diagnosis, and the remaining three-quarters of the semester will focus on the symptomatology, causes, and treatments of the different disorders. Whenever possible, real-life video footage of individuals suffering from mental illnesses will be used to bring the disorders to life. Heavy emphasis will be placed on current research, and writing will be an important component of this course. In-class participation will be expected of all students, as cooperative activities and discussion will be strongly featured. *Open to PSYC majors and minors only. Prerequisites: PSYC 100 (formerly PSYC 201) and PSYC 209 or PSYC 309. Restrictions: If both PSYC 334 and PSYC 380 are taken, only PSYC 334 will count for major credit.*

PSYC 445-080

Honors: Topics in Adolescent Psychology (3)

Brian Ackerman

This course focuses on adolescent problem behaviors from developmental risk and systems perspectives. Topics include adolescent transitions and individuation in the family, sexual abuse, problems in peer relations, coercion processes and conduct problems, school settings and failures, adolescent sexual behavior, and the poverty problem. Honors students will do an extra writing assignment and meet for a discussion hour. *Prerequisite: PSYC 209 or PSYC 309. Meets with a regular section.*

PSYC 467-080

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 research. We will be studying interest in activities that are en-

joyable in their own right. We will spend most of the time examining the roles of personality and rewards in people's enjoyment of a wide variety of leisure activities such as taking nature trips, listening to music, visiting museums, and watching TV. *Prerequisite: PSYC 100 (formerly PSYC 201.)*

PSYC 467-081

Honors: Seminar on Consciousness (3)

Fred Masterson

Consciousness is the tip of the cognitive iceberg: our thoughts, images, and emotions sitting atop a gigantic base of subconscious processes. Topics: 1) Subjective experiences: raw feelings, self awareness, and free will; 2) Comparisons of normal and altered states of consciousness; 3) Cognitive science theories of the functional roles and integration of conscious and subconscious processes; and 4) Philosophical perspectives on the nature of consciousness. *Prerequisite: PSYC 100 (formerly PSYC 201.)*

Russian (RUSS)

RUSS 106-080

Honors: Russian II - Elementary/Intermediate (4)

Susan Amert

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)

Sasha 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 RUSS 305. Meets with a regular section.*

Spanish (SPAN)**SPAN 107-080****Honors: Spanish III - Intermediate (4)****Suzanne Tierney-Gula**

This course is designed to give students practice in four necessary foreign language skills: listening, speaking, reading and writing. A textbook will be used for general syllabus design, and will serve as the springboard for more in-depth study. Students will also use Hispanic novels and magazines, and the Internet to gain cultural information about the assigned topics. Grammar and vocabulary will be reviewed briefly during class and students must complete daily homework assignments to reinforce these elements. Students will also watch at least two (2) films in Spanish, and make an oral presentation to the class using PowerPoint. *Prerequisite: SPAN 106 or high school equivalent.*

SPAN 205-083**Honors: Spanish Conversation (3)****Joan Brown**

The goal of this course is to achieve increased mastery of practical spoken Spanish in its cultural context. The language will be used strategically to accomplish objectives and resolve conflicts in realistic situations. Grammar will be emphasized throughout. Linguistic and cultural topics include travel, health, education, cuisine, sports, housing, family life, entertainment, telecommunications, and business. A wide variety of methodologies will help build and perfect oral competence in real-world situations; these include role-playing activities, vocabulary expansion, cultural readings, speaking assignments, listening practice, and an individual final project. *Prerequisites: SPAN 107 or SPAN 112, or one 200-level course with a minimum grade of B.*

Restrictions: Not intended for native speakers. Meets with a regular 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 a regular section.*

SPAN 439-080**Honors: Postwar Spanish Narrative (3)****Joan Brown**

From a twisted picaresque novel about an affable murderer in the Spanish countryside, to a haunting account of a beautiful young woman's coming of age in Barcelona, to a fantastic novel featuring an ideal man in Madrid who may or may not exist—these works reveal the evolution of narrative fiction in postwar Spain. In this course we will trace the socio-cultural and literary history of modern Spain through prose fiction published from 1939 to the present. Emphasis is on individual responses to the readings, which are classics of contemporary Spanish literature. *Prerequisite: One SPAN 300-level survey of literature. Meets with a regular section.*

Theatre (THEA)**THEA 102-080****Honors: Introduction to Performance (3)****Kathleen Tague**

A survey of performance training techniques for the non-minor, including the elements of voice, improvisation, movement, dance, character analysis, and portrayal.

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 a 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. *Prerequisite: THEA 104. Meets with a regular section; separate Honors workload/assignments.*

University Course (UNIV)

UNIV 369-080

Honors: Undergraduate Research Sustaining (PF)

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 and 402-080

Honors: Senior Thesis (2-4)

Joan Bennett

Honors Degree with Distinction candidates only. Degree with Distinction candidates must register for Section 010. Students pursuing an Honors Degree with Distinction must enroll in UNIV 401-080 or UNIV 402-080. The first semester of this course should be registered under UNIV 401. The second semester should be registered under UNIV 402. *UNIV 402-080 satisfies the Senior Capstone Requirement for the Honors Degree with Distinction if taken in one of the last two semesters before graduation.*

Women's Studies (WOMS)

WOMS 202-080

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

Suzanne 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 a regular section.*

WOMS 203-080

Honors: Contemporary Moral Problems (3)

Lucia Palmer

(See PHIL 202-080 for course description.)

WOMS 250-080

Honors: Educating Women (3)

Margaret Stetz

This course offers a cross-cultural examination of two related topics: 1) feminist theories of how best to educate girls and 2) representations in various media of the experiences, past and

present, of diverse women around the world as students and as educators. Course requirements include several short essays and a take-home essay exam. The Honors section of this course will have additional assigned readings and will meet for an extra hour of discussion weekly. Honors students will also write one longer essay, doing so through a process of draft and revision. *Satisfies Multicultural Requirement. Meets with a regular section.*

WOMS 291-080

Honors: Women's History Through Film

(1)

Kathleen Turkel

(5-week short session: February 22-March 22.)

This short course explores women's historical experience through the medium of film. Students will view a variety of documentary films 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 350-080

Honors: Gender and Criminal Justice

(3)

Susan Miller

(See CRJU 350-080 for course description.)

WOMS 389-080

Honors: Women and Health Issues (3)

Kathleen Turkel

This course will explore a variety of questions regarding the current state of women's health in the U.S. What is women's health? How do different conceptual frameworks for analyzing health and illness lead to different approaches to maintaining and/or restoring health. Through readings and course discussion students will gain information about a number of health issues which are of particular concern to women. Students will be asked to use different conceptual frameworks to analyze health issues which women confront over the course of their lives. *Crosslisted with CSCC 389-080 and PHIL 389-080. Meets with a regular section.*