

ANTH 380H Cultures in Conflict

CRN: 59375 Section 001 LEC F 1000 - 1250 3 HC Credit(s)

Instructor(s): Eric Jones

Communication and commerce draw East and West, industrial and pre-industrial, state and stateless societies together. Beliefs and values clash and complement one another. Explores the processes of intercultural contact, cross-cultural interaction, and the consequences of global penetration of European-American culture. Evaluates theoretical explanations for cultural persistence and change. PREREQS: ANTH 110 and/or completion of non-Western cultures requirement.

Satisfies: HC Bacc Core - Contemporary Global Issues**BA 352H Managing Individual and Team Performance**

CRN: 59349 Section 001 LEC TR 1600 - 1750 4 HC Credit(s)

Instructor(s): Chad Murphy

Diagnose individual and small-group behavior and develop skill in improving individual and small-group performance in entrepreneurial and established ventures. Emphasis on professional skill development and the practical application of theory and research. Concepts of ethics, diversity and cross-cultural relations are integrated throughout the course.

PREREQS: COMM 111/111H OR COMM 114/114H. **Satisfies: HC Elective****BB 407H Protein Portraits**

CRN: 58325 Section 001 SEM TR 1000 - 1050 2 HC Credit(s)

Instructor(s): Phil McFadden

In this course, each student will build one or more three-dimensional models of protein molecules. We will use the Protein Data Bank to guide our construction processes. In addition to covering the scientific description of proteins, the course will survey how leading graphic artists from Irving Geiss and Jane Richardson to today's Java hotshots have portrayed proteins as accessible works of art. Special attention will be paid to the scientific and artistic description of protein pockets where various materials become bound to proteins, including other proteins, leading to the astounding shapes and structures we witness today as masterpieces of biochemical research. Our protein models may be displayed in a public gallery exhibition. **Satisfies: HC Colloquia**

BB 407H Scientists in the Public Eye

CRN: 59350 Section 002 SEM MW 1000 - 1050 2 HC Credit(s)

Instructor(s): Kevin Ahern

This is a course for students who wish to learn about and improve communication skills for use during professional school interviews. These include medical school, pharmacy school, dentistry school, optometry school, nursing school, and law school. Students will also learn to prepare a personal statement relevant to their chosen discipline. PREREQ: Minimum sophomore standing recommended. **Satisfies: HC Colloquia**

BI 213H Principles of BiologyCRN: 53270 Section 001 LEC MWF 1300 – 1350 4 HC Credit(s)
AND GRP MID Nathan KirkCRN: 53271 Section 010 LAB M 1400 - 1650 Adam Chouinard
OR

CRN: 53494 Section 020 LAB R 800 - 1050 Nathan Kirk

Genetics, evolution, natural selection, and ecology. PREREQS: (CH121 OR CH201 OR CH221 OR CH 224H) OR (CH231/231H AND (CH261/261H OR CH271)). For life science majors and pre-professional students. **Course Fee \$30.00. Satisfies: HC Bacc Core - Biological Sciences**

BI 311H Genetics

CRN: 59351	Section 001	LEC	TR 1200 - 1320	4 HC Credit(s)
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AND

CRN: 60219	Section 010	REC	T 1400 - 1450
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Instructor(s): Mike Blouin

Fundamentals of Mendelian, quantitative, population, molecular, and developmental genetics. Class will feature group activities, discussions, and student presentations. PREREQS: (BI 211/211H AND BI 212/212H AND BI 213/213H) OR (BI 204 AND BI 205 AND BI 206). **Satisfies: HC Elective**

BI/Z 415H Biological Sciences Thesis

CRN: 57433	Section 001	THESIS	R 1600 - 1650	1 HC Credit(s)
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Instructor(s): Barb Taylor & Eric Hill

This is a writing intensive course that uses writing to learn the subject content. Students will hone critical thinking and technical writing skills necessary to create compelling and well-documented arguments in support of an original honors thesis. It provides additional support for students in the thesis process, guiding them in learning more about writing in the discipline as they research, draft, and revise the thesis. The successful completion of BI/Z 414H in Winter and this course in Spring satisfies WIC. Crosslisted with Z 415H. **Satisfies: HC Thesis/Research/Projects**

CH 233H Honors General Chemistry 5 HC Credit(s)**Choose Lecture and one of the corresponding Recitation sections.**

CRN: 55394	Section 001	LEC	MWF 1200 - 1250	Kevin Gable
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AND

CRN: 55395	Section 010	REC	T 1100 - 1150	Kelly Ramzy
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OR

CRN: 55462	Section 011	REC	R 1400 - 1450	Kelly Ramzy
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AND choose one of the CH 263H Laboratory sections.

CRN: 55393	Section 010	LAB	T 1200 - 1450	Kelly Ramzy
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OR

CRN: 55928	Section 011	LAB	R 1500 - 1750	Kelly Ramzy
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Third course in General Chemistry sequence for Honors College students with one-year high school chemistry. This sequence examines the characteristics of molecular and atomic behavior and the way in which these influence chemical properties and reactions. PREREQS: (CH 222 OR CH 232/232H) AND (CH 222 OR CH 225H OR CH 262/262H OR CH 272/272H). CH233H and CH 263H must be taken concurrently. **Course Fee \$30.00. Satisfies: HC Bacc Core - Physical Sciences**

CH 463H Experimental Chemistry II

CRN: 52311	Section 001	LEC	W 1300 - 1350	3 HC Credit(s)
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AND

CRN: 52312	Section 010	LAB	W 1400 - 1650 & F 1300 - 1650
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Instructor(s): Christine Pastorek

Second-level integrated laboratory course for majors in chemistry and related disciplines, covering experimental techniques of analytical, inorganic, organic and physical chemistry. PREREQS: CH 362/362H and (CH324 or CH461/461H) and CH442. CH442 can be taken concurrently. **Course Fee \$44.00. Satisfies: HC Elective**

CHE 333H Transport Phenomena III

CRN: 56828 Section 001 LEC MW 1100 - 1150

AND

CRN: 56829 Section 010 STUDIO TR 1400 - 1450

1 HC Credit(s)

Instructor(s): Liney Arnadottir

A unified treatment using control volume and differential analysis of binary mass transfer, prediction of mass transport properties, and introduction to mass transfer operations. Lecture is common with non-honors. Studio section is reserved for honors students. 1 credit of the 3 OSU credits earned counts toward Honors College Requirements. PREREQS: CHE 331/331H OR CHE 332/332H. **Satisfies: HC Elective**

ENG 106H Introduction to Poetry

CRN: 59352 Section 001 LEC TR 1200 - 1320

3 HC Credit(s)

Instructor(s): Vicki Tolar-Burton

This course provides an overview of the main modes, techniques, and characteristics of poetry through an examination of world poetry. Using anthology readings and on-line resources, the course will cover world poetry by geographical region, and will feature 4 units focused on relevant topics or themes within world poetry: Poetics and Craft, Poetry as Cultural Performance, Poetry as Social Action and Historical Witness, Translation and Influence. During each unit, we will also study the poetic devices nearly universal to poetry, such as rhythm, sound play, image, symbol, metaphor, point of view, and tone. **Satisfies: HC Bacc Core - Literature and the Arts**

ENGR 391H Engineering Economics and Project Management

CRN: 55405 Section 001 LEC TR 1600 - 1720

3 HC Credit(s)

Instructor(s): Ean Ng

The traditional roles engineers and scientists are changing rapidly to roles that require solid management and technical skills. This course explores the transition from engineer and/or scientist to manager, through two fundamental engineering and technology management skills: project management and engineering economic analysis. The combination of project management and engineering economic analysis will provide students a glimpse into the life cycle of engineering/technology projects and the management/decision making behind such projects. RESTRICTIONS: Pre-Engineering & Engineering Majors Only. **Satisfies: HC Elective**

GEOG 340H Intro to Water Science & Policy

CRN: 59354 Section 001 LEC TR 1400 - 1520

3 HC Credit(s)

Instructor(s): Aaron Wolf & Michael Campana

This course provides students with an introduction to hydrology—the science dealing with Earth’s freshwaters—and the policies that affect use, distribution, quality, and management of those waters. About one third of the course is devoted to science, one third to policy, and one third to student presentations. **Satisfies: Bacc Core - Science, Technology and Society**

HC 199 Honors Writing

CRN: 51502 Section 001 LEC MW 800 - 920 3 HC Credit(s)
OR
CRN: 52371 Section 002 LEC TR 800 - 920
OR
CRN: 54665 Section 003 LEC TR 1000 - 1120

Instructor(s): Eric Hill

Becoming a critical reader and thinker promotes clear writing and verbal communication. You will hone your skills in a discussion/debate format, along with frequent in-class writing assignments and presentations. You will also further develop your abilities to be a critical reader. We will be examining texts from many disciplines and on a variety of topics; you will also bring in examples for discussion. The research paper, which includes both formal documents and informal writing, will focus on an ethical/controversial issue or current research within your discipline; this will include field and library research. **Satisfies: Bacc Core - Writing II**

HC 299 Farside Entomology

CRN: 53838 Section 001 SEM M 1800 - 1950 2 HC Credit(s)

Instructor(s): Michael Burgett

Farside Entomology is designed to introduce you to the humanistic side of entomology by utilizing the entomological humor of Gary Larson, et alia as paradigms of human-insect interactions. Interactions between humans and insects are numerous, of variable time scales and of varying implications (for both the human and the insect), ranging from the mildly humorous to the deadly serious. The "cartoon" format provides an anthropomorphic view of insects. This can be an incredibly rich venue as an introduction to the more serious aspects of insects and their relevance to human activities. Last 30 minutes of class will be reserved for group meetings/independent work. At the first meeting, the class will be divided into teams of 2 students per team. On an every-other-week basis, each team will be required to present their entomological and humanistic interpretation of an entomologically-based cartoon. Appropriate reference materials will be attached to each assignment. Every week thereafter, half of the teams will make a 10 to 12 minute oral presentation. This format will allow students to serve as presenters four times during the academic quarter. Weekly out-of-class preparation time is critically important to team success. **Satisfies: HC Colloquia**

HC 299 Feminist Forum

CRN: 59355 Section 003 SEM T 1800 – 1950 1 HC Credit(s)
Class meets weeks 1 & 9, with additional required workshop on Sunday 4/23/17, 10 AM - 4 PM.

Instructor(s): Barbara Muraca & Marisa Chappell & Bradley Boovy

Feminist Forum offers students an engaging introduction to feminism. Students are challenged to explore a range of media and documents related to central feminist issues across time and space. Groups will create imaginative and interactive presentations to share at a 'Feminist Market Place'. The Feminist Forum employs the participatory and interactive method called 'market place' for an introduction into the history, relevance, and actuality of feminist perspectives. Students are invited to search different types of materials made available by the instructors in a creative, self-determined way and work together in groups to a collaborative and interactive output. The structure of class require a bulk of contact hours (4-6) in which students organize their work in groups, prepare their output for the market place and participate in the market place itself. **Class meets weeks 1 & 9, with additional required workshop on Sunday 4/23/17, 10 AM - 4 PM. Graded: P/N. Satisfies: HC Colloquia**

HC 299 Building Homes & Hope: International Service Learning

CRN: 55930 Section 004 SEM T 1600 - 1650 1 HC Credit(s)

Instructor(s): David Kovac

This course series is designed to engage students in exploring the impact, perspectives, challenges, and complexities of international non-profit and service work, paying particular attention to the effects of sub-standard housing in the destination country/community of our Summer Service Trip & Field Study. The spring course highlights group development and team building for international project success. The course series is open to any student interested in learning about international service work. **Satisfies: HC Colloquia**

HC 407 Shakespeare via Ashland

CRN: 51503 Section 001 SEM T 1800 - 1850 1 HC Credit(s)

& required field trip

Instructor(s): Eric Hill

The course requires attendance at an organizational meeting (date TBA), a three day field trip (4/28/17 - 4/30/17), and one discussion meeting (date TBA). At this meeting you will turn in and discuss your written assignment.

Write either of two options: 1) a short (no longer than five minute) scene based on one of the plays or 2) an analysis based on at least one character from the play.

Travel Details: Departing 4/28/17 at 12:30 pm; arrive in Ashland to check into the Best Western Windsor Inn and leave to see first play. Saturday will consist of two shows. Return Departure 4/30/17 at 10:00am (following breakfast).

Course Fee of \$240.00 includes tickets for three plays, coach travel, and two nights stay with continental breakfast at the Windsor Inn. Bring money for snacks and meals, besides breakfast (which will be provided). Since all arrangements have been prepaid the course fee is non-refundable if the course is not dropped prior to the 1st day of the term. All students are required to travel and stay as a group. Pick up class syllabus in the HC office during week 10 of Winter Term. Please note that this class can only be taken twice for credit. Required Field Trip. Dates of trip are To Be Announced. Course Fee non-refundable if course is not dropped prior to the first day of the term. **Course Fee \$240.00. Graded: P/N. Satisfies: HC**

Colloquia**HC 407 STEM Outreach as Service Learning - Community Outreach**

CRN: 55418 Section 002 SEM R 1800 - 1950 2 HC Credit(s)

Instructor(s): Skip Rochefort & Margie Haak

The colloquia will focus on doing. Students will learn about the delivery of STEM content in typical outreach environments. And they will learn by doing, as they will be required to participate in five K-12 Outreach events. These 10 hours of outreach participation (approximately every other week) will be part of the course time requirements. Service Learning Opportunities– Discovery Days, Earth Day, Family Science and Engineering Nights, and school campus visits.

Graded: P/N. Satisfies: HC Colloquia**HC 407 Plastics for Poets**

CRN: 54698 Section 004 SEM R 1600 - 1750 2 HC Credit(s)

Instructor(s): Skip Rochefort

In one of the most memorable scenes from the 1967 movie classic "The Graduate," Ben (Dustin Hoffman) is given an invaluable piece of advice by Mr. McGuire, one of his father's oldest business friends: "Ben, there's a great future in PLASTICS. Think about it. Will you think about it?" And indeed, PLASTICS "were" the future and still "are" a major part of the present (because they don't break down and will never go away!). This colloquium will expose students to their reliance on plastics in every aspect of their daily lives—from soft drinks and baby diapers to automobiles and high-performance clothing. There will be a series of "hands-on" activities and experiments related to plastics and gels. The material will be presented in such a way that it is accessible to students from all majors. There are no pre-requisites for the course - other than a genuine interest in learning how and why many of the items we encounter each day are made.

Satisfies: HC Colloquia

HC 407 Addiction in Today's World

CRN: 54699 Section 005 SEM M 1400 - 1550 2 HC Credit(s)

Instructor(s): Ray Tricker

The purpose of this course is to examine issues related to addictive behaviors; to assist students to develop a deeper understanding of the elements that "drive" individuals to engage in obsessive substance abuse, gambling, sex and pornography, over exercising, work, over or under achieving, and over or under eating. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Comparative Planetology

CRN: 55399 Section 007 SEM TR 1000 - 1050 2 HC Credit(s)

Instructor(s): Randall Milstein

This colloquium may appeal to honors students considering space sciences as a field of study. Planetology - often referred to as planetary science - is an interdisciplinary field combining planetary astronomy with geology, geophysics, geochemistry, geomorphology, atmospheric sciences, oceanography, hydrology, glaciology, and astrobiology with intent to describe and suggest physical conditions and processes on other celestial bodies including planets, dwarf planets, moons, and asteroids. This course provides students with an introduction to the fundamental scientific principles of comparative planetology with particular attention to how we know what we know about other celestial bodies and the state of current technologies used to gather Solar System data. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Science, Aesthetics, and the Invention of Altered States

CRN: 55400 Section 008 SEM R 1200 - 1350 2 HC Credit(s)

Instructor(s): Robin Pappas

The nineteenth through early twentieth centuries saw a transformation in how Western cultures understand human consciousness. This shift was informed in part by "science"-- technologies and methods for describing and explaining behavior and experience that were becoming disciplines: neurology, physiology, psychology, and psychiatry—and by "aesthetics"-- the artistic, literary, and philosophical texts and perspectives (themselves using technologies and methods) emphasizing the subjective and social relevance of experience. In the interest of documenting "the whole man," these discourses explored experiences reflecting the typically intractable aspects of human consciousness, what Aldous Huxley (author of *Brave New World* and *The Doors of Perception*) termed "the mind's antipodes." In short, they investigated altered states of consciousness, particularly those induced by substances. The prominent genre for articulating this transformation was the drug confession. Though first adopted by aesthetic authors, the confession model provided a rhetorical architecture for scientific writers, as well. By looking at how authors describe the phenomena they experience as a result of using substances, we will find new ways to ask questions about topics as diverse as poetic expression, medical ethics, human consciousness, and legal history. Most important to our investigation will be the challenge of understanding the ways in which substance use within specific socio-historical moments transforms behavior and self-image. Class discussions will probe ideas from readings by such literary authors as Thomas de Quincey, Charles Baudelaire, and Mabel Dodge Luhan; psychologists such as Sigmund Freud and William James; as well as cultural theorists such as David Lenson and historians such as Virginia Berridge. Throughout the term, students will have opportunities to focus more deeply on own related topics of their choosing in 2 short research projects and one presentation, which will be used to guide the emphasis of class discussion. **Satisfies: HC Colloquia**

HC 407 Theory for a Warming Planet

CRN: 59356 Section 009 SEM MW 900 - 950

2 HC Credit(s)

Instructor(s): Evan Gottlieb

In this colloquium, we will read, analyze, and discuss some of the most cutting-edge theory regarding the ways we need to change our modes of thinking -- and then, of course, our behaviors -- to meet the challenges of a rapidly warming planet. We will focus on theorists who challenge some of the basic tenets of Enlightened and Judeo-Christian thinking: the subject-object dichotomy, capitalism as the end of history, human rights as innately given, and the very concept of "nature" itself. Clearly, the old ways of thinking will no longer suffice; business as usual is not an option. Can contemporary theorists from around the world help us conceive new paradigms for living and thinking before it's too late (at least for us)? **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Technology and the Good Life

CRN: 57436 Section 010 SEM W 1400 - 1550

2 HC Credit(s)

Instructor(s): Kenneth Funk

We all seek the Good Life, a life wherein our material needs are met and certain higher goods are realized, and, for many of us, technology has become a chief, if not the pre-eminent, means to it. But technology can also be an obstacle to the Good Life and the roots of this ambivalent nature of technology may lie in our own fallibilities, mental and moral. In this Colloquium, we will discuss the Good Life, why technology can be both means and obstacle to it, and how to make technology more of the former and less of the latter. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Ecology, Sustainability, and Human Health

CRN: 59357 Section 011 SEM W 1000 – 1150

1 HC Credit(s)

Meets Weeks 5-9 only

Instructor(s): Viktor Bovbjerg

The confluence of ecology and human health is key to sustainability—to the continued presence of people on the earth. We will explore population, community, and individual health through the lens of ecology, how humans interact with other organisms and their environments. Meets Weeks 5-9 Only. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 From Zombies to Preppers: America's Apocalypse Addiction

CRN: 57438 Section 012 SEM R 1200 - 1350

2 HC Credit(s)

Instructor(s): Robert Drummond

To judge from the glut of movies and books set in a post-apocalyptic world, America is addicted to the fantasy of doomsday. Zombies, viral pandemics, nuclear holocausts, global warming-caused disasters, alien invasions--the list goes on. In this course, we'll explore America's appetite for an apocalypse, considering where this yearning comes from and seeking to understand why it's eternally compelling. We'll also look at how it's spilling over to reality in the form of "prepping." If you can think of a catastrophic global event capable of wiping out most of the world's human population, then there are people preparing (prepping) to survive it. When these preppers talk and plan for the loss of governmental and societal structure, are they fretting or fantasizing? In other words, are they harmless people with a hobby, or is there something more disturbing behind their growing numbers? And are they all that different from those of us who simply enjoy watching Brad Pitt fight teeming swarms of zombies on the big screen? The course will involve a variety of readings and films as we seek to get to the bottom of this issue. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 God, Pain, and the Problem of Evil: An Introduction to C.S. Lewis

CRN: 57439 Section 013 SEM M 1600 - 1750 2 HC Credit(s)

Instructor(s): Gary Ferngren

C. S. Lewis (1898-1963), Oxford don, novelist, literary critic, and theologian, was one of the most gifted and popular theological writers of his generation. From the point of view of orthodox Christianity, Lewis dealt in his theological and imaginative works with some of the most basic and perennial moral and religious questions. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Educational Resources for Everyone! Open Access and Social Justice

CRN: 59358 Section 014 SEM MW 1300 - 1350 2 HC Credit(s)

Instructor(s): Stefanie Buck & Maura Valentino

The rising cost of higher education including textbooks and other course materials creates financial, legal, and social barriers to essential educational materials. In this course, we will explore the philosophy behind the Open Access movement, the belief that educational and research materials should be freely available. We will locate and review open access and open education resources and investigate the different issues surrounding the use of open access materials including copyright. We will examine the Open Access movement within the larger framework of social justice and educational equality. We will have several projects, which may include creating a guide to open education resources on a specific topic. Activities will include creating a guide to help instructors select open access resources for their courses, faculty and student interviews, creating OA marketing tools, and reflections on reading and discussions. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 History of Aviation

CRN: 59359 Section 015 SEM M 1800 - 1950 2 HC Credit(s)

Instructor(s): David Ullman

Machines that fly have evolved for over 200 years and the arc is continuing - beginning with George Caley in the early 19th century, through the Wright Brothers in the early 20th century, the era of records in the 1920s and 30s, the evolution of the war machine in the 1940s, the pilotless eye in the sky of the last 10 years, and on to the promise of unmanned, composite, electric aircraft. This course considers the history and future of aviation from multiple disciplinary perspectives, exploring the development of the technologies; politics; and cultural attitudes toward commercial, military, and general aviation as well as science fiction air travel. We examine the trajectory of these evolutions and try to predict what air travel will look like by mid 21st century. Every member of the class will have the opportunity to contribute to a new edition of a published book seeking to answer the questions: What will your grandchildren see when they look up? How will they fly? **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Exploring the Magic of Physics via Hands-On Service Learning

CRN: 57457 Section 016 SEM M 1600 - 1750 2 HC Credit(s)

Instructor(s): Travis Walker

Hands-on development of modules targeted at demonstrating the wonders of the STEM fields to a K-20 audience. Students will design physics-based modules with the goal to increase the interest in STEM among K-20 students at Oregon State University and in the Willamette Valley area of Oregon. A layered approach that uses service learning to bring the excitement of physics from the university research laboratory to the primary and secondary school classroom will be used. Demonstration experiments will be showcased at one of the many outreach activities that are offered through the Precollege Programs at Oregon State University. These demonstrations will be offered for incorporation into undergraduate and graduate courses as supplemental learning or as laboratory exercises. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Oregon's Overlooked Waterway: the Willamette River

CRN: 59360 Section 017 SEM T 900 - 950 2 HC Credit(s)

& Required Field Trip 6/2/17 – 6/4/17

Instructor(s): Daniel Preston

The Willamette River has great historical, economic and environmental value to the state of Oregon. In this course we will investigate complex issues surrounding river ecology, management, and human use. Topics of discussion will include dams and hydropower, endangered fish, water rights issues, pollution control and mitigation, and public waterways. The course will emphasize an active learning case-study approach, where students are presented with real-world challenges and tasked with formulating solutions. Content will be delivered largely through out-of-class readings and video, and synthesized through in class discussion and short presentations. The course will culminate in a float trip down the Willamette River in rafts from near Eugene to Waterfront Park in Corvallis. This trip will provide the opportunity to observe the topics discussed in class, engage in active-learning on the river, and forge a greater appreciation and understanding for the Willamette and other Pacific Northwest Rivers. We will cook our own meals and students should be prepared for inclement weather (but hope for sunshine!). Group boating and camping equipment will be provided but students must bring their own sleeping bag, sleeping pad, and appropriate clothing. **Required Field Trip. Trip departs 6/2/17 12:00, returns 6/4/17 2:00 PM. Graded: P/N. Satisfies: HC Colloquia**

HC 407 Toy-Based Technology for Children with Disabilities

CRN: 59361 Section 018 SEM T 1400 - 1550 2 HC Credit(s)

Instructor(s): Sam Logan

This is a 'hands-on' and 'brains-on' course where students will gain skills and knowledge through real-world experience and the reading and discussion of current scientific research related to core course topics. This experience will be driven through engagement with the Go Baby Go (GBG) program. GBG is a community-based outreach program that works with families, clinicians and industry to provide modified ride-on toy cars to children with disabilities to use for fun, function, and exploration. <http://health.oregonstate.edu/gobabygo>. Students will gain the necessary technical skills such as cutting PVC pipe and basic wiring. Students will work directly with families to customize ride-on car modifications to meet the individual needs of children with disabilities. The technical skills and scientific research will be open and accessible to all students, regardless of previous background or experience. Course meets for first hour in LINC, then goes to Women's Building Room 008 for the second hour. **Satisfies: HC Colloquia**

HC 408 Workshop THESIS: LEARN

CRN: 54242 Section 003 WS T 1700 - 1850 1 HC Credit(s)

Meets weeks 3, 5, and 8 only

Instructor(s): Kassena Hillman, Kevin Ahern, & Indira Rajagopal

In this course you will learn to lay the groundwork for a successful thesis experience. We will focus on the value of the thesis, what it takes to successfully complete a thesis (e.g. identify a mentor, identify a topic, level of effort required, etc.), and we'll hear from students, and faculty with experience in the thesis process. You will complete all of the tasks related to stage 2 of the TheSIS process by: 1) Summarizing an interview/conversation with a faculty member who could serve as a mentor, 2) Summarizing an interview/conversation with an Honors student currently working on their thesis, and 3) Exploring a series of resources and opportunities available to successfully complete the thesis. Course will be team taught. Meets weeks 3, 5, and 8 only. **Graded: P/N. Satisfies: HC Thesis/Research/Projects**

HC 408 Workshop THESIS: UNDERTAKE

CRN: 55402 Section 002 WS R 1600 - 1750 1 HC Credit(s)
Meets weeks 3 and 6 only

Instructor(s): Rebekah Lancelin & Michael Burgett

This course will guide students through the third step of the Thesis Success in Stages (TheSIS) process, UNDERTAKE. We will cover the process of developing a thesis topic, finding a thesis mentor, creating a thesis statement, writing a thesis proposal, and developing a research plan. The course will require participants to turn in a completed thesis proposal signed by a thesis mentor, the end goal of the UNDERTAKE stage and a required component of the thesis process in the Honors College. PREREQ: For full details on the TheSIS stages please see the TheSIS website: honors.oregonstate.edu/thesis. Meets weeks 3 and 6 only. **Graded: P/N. Satisfies: HC Thesis/Research/Projects**

HC 408 Workshop THESIS: GRADUATE

CRN: 56830 Section 001 WS F 1400 - 1550 1 HC Credit(s)
Meets Weeks 1,3, and 5 only

Instructor(s): Tara Williams

This course will guide students through the final stage of the Thesis Success in Stages (TheSIS) process, GRADUATE. The goals of Thesis: GRADUATE are the completion of a thesis draft, the preparation for the thesis defense and the design of a thesis poster. Students need to have completed their research and be prepared to begin writing the thesis draft. This course meets just three times throughout the term. PREREQ: Prior completion of TheSIS stages - START, LEARN, and UNDERTAKE as outlined at honors.oregonstate.edu/thesis. Meets Weeks 1,3, and 5. **Graded: P/N. Satisfies: HC Thesis/Research/Projects**

HC 409 Conversants

CRN: 51485 Section 007 PRAC TBD 1 HC Credit(s)

Instructor(s): Leanna Dillon

The INTO OSU Cultural Ambassador Conversant Program provides an opportunity for honors students to earn credit while participating in a mutual cultural exchange. Participating honors students commit to meeting on average one hour per week with their international partner, keep a log of the times and places they met and the topics discussed, and complete a 2-page reflection paper due at the end of the term. Program information, including the application process, is available at <http://oregonstate.edu/international/cultural-ambassador>. Students must meet with an HC advisor to complete a Learning Agreement. Applications must be submitted online no later than the end of week 1. **Graded: P/N. Satisfies: HC Elective**

HC 409 Civic Engagement

CRN: 56157 Section 008 PRAC TBD 1 HC Credit(s)

Instructor(s): Leanna Dillon

The Center for Civic Engagement provides an opportunity for honors students to earn credit while participating in an ongoing community engagement project within the local community. Participating honors students commit to serving on average 2-3 hours per week within their project site, keep track of their service hours, and complete a 2 page reflection paper due at the end of the term. Additional information, including placement opportunities, is available at: <http://oregonstate.edu/cce/ongoing>. Students must meet with an HC advisor to complete a Learning Agreement and a CCE staff member to discuss placement opportunities. Placement must take place prior to the start of the term. **Graded: P/N. Satisfies: HC Elective**

HST 390H Mideast Women: In Their Own Words

CRN: 59362 Section 001 LEC MW 1400 - 1550 4 HC Credit(s)

Instructor(s): Jonathan Katz

The lives of modern Middle Eastern women as told in memoirs, autobiography and film. First-person narratives and film portrayals provide the means for understanding historical events and contemporary trends in the region. **Satisfies: HC Bacc Core - Contemporary Global Issues**

HST/PHL/REL 210H Religion in the United States

CRN: 59363 Section 001 LEC MW 1000 - 1150 4 HC Credit(s)

Instructor(s): Amy Koehlinger

A thematic overview of the historical study of religion in the United States, with an eye toward ways that social and cultural contexts have shaped the religious experience of Americans in different places and times. Surveys a wide array of religious movements, groups, and individuals from the colonial period to present. Crosslisted with PHL/REL 210H. **Satisfies: HC Bacc Core - Difference, Power, and Discrimination**

MTH 254H Vector Calculus I

CRN: 52503 Section 001 LEC MWF 1000 - 1120 4 HC Credit(s)

Instructor(s): Enrique Thomann

Vectors and geometry: coordinate systems, scalar product. Real-Valued Functions of Several Variables: partial and directional derivatives, gradient, extreme values. Multiple Integrals: change of coordinates, applications. Vector valued-functions: arc length and curvature of space curves, normal and tangential components of acceleration. PREREQS: MTH 252/252H. **Course Fee \$10.00. Satisfies: HC Elective**

MTH 256H Applied Differential Equations

CRN: 53678 Section 001 LEC MWF 1300 - 1350 4 HC Credit(s)

AND

CRN: 56831 Section 010 REC W 1200 - 1250

Instructor(s): Filix Maisch

First order linear and nonlinear equations, and second order and higher order linear equations, Laplace transform, and applications appropriate for science and engineering. PREREQS: MTH 254/254H. **Satisfies: HC Elective**

MTH 306H Matrix and Power Series Methods

CRN: 55929 Section 001 LEC MWF 1400 - 1450 4 HC Credit(s)

AND

CRN: 56832 Section 010 REC W 1500 - 1550

Instructor(s): Filix Maisch

MTH 306H will move at a fast pace from day one. We plan to cover most of the textbook. Topics will include introduction to matrix algebra, determinants, systematic solution to linear systems, and eigenvalue problems. Convergence and divergence of series with emphasis on power series, Taylor series expansions, convergence tests for power series, and error estimates for truncated series used in practical approximations. PREREQS: MTH 252/252H. MTH 254/254H recommended. **Satisfies: HC Elective**

MUS 102H Music Appreciation II: Periods and Genres - Rock & Roll

CRN: 54777 Section 001 LEC TR 1000 - 1120 3 HC Credit(s)

Instructor(s): Ryan Biesack

This survey is a selected examination and study of musical and social events that have occurred in popular culture over a period of roughly the past 50 years, and what has come to be known generally as "Rock" music. The survey will begin its journey looking at the 1950s and the beginnings of Rock music and conclude with the Rock culture of today. The term "Rock" music will be used as an umbrella or generic term to cover the many variations of popular music that fall under its reach: Motown, Soul, R&B, Disco, Acid Rock, Death Metal, Thrash Metal, Punk Rock, Indy Rock, Grunge, etc.. As there are numerous artists and performers who have contributed to Rock music, this survey will focus on a selected group who have significantly changed, or illustrate the change, in Rock music. This course will examine some of the pinnacle recordings, repertoire, artists, concerts, performances, and events to provide insight and meaning as to "how" and "what" this music was changing within pop culture in a historical and social context. By examining different works of Rock music, we can hope to extrapolate broader meaning and understanding of these events in an overarching sense relative to recent history. This course will also examine how Rock music has functioned as a vehicle for commentary on everything from sex to religion to politics, and how this music continues to be a relevant and ever changing vehicle in the present day. **Satisfies: HC Bacc Core - Literature and the Arts**

PH 221H Recitation for Physics 211

CRN: 52313 Section 001 SEM R 1100 - 1150 1 HC Credit(s)

Instructor(s): Bo Sun

Honors recitation reserved for HC students enrolled in lecture/lab sections of PH 211. One-hour weekly session for the development of problem-solving skills in calculus-based general physics. Lecture, Lab, and Recitation combined, total 5 OSU credits. **Satisfies: HC Bacc Core - Physical Sciences**

PH 223H Recitation for Physics 213

CRN: 53273 Section 001 SEM T 1100 - 1150 1 HC Credit(s)

Instructor(s): Guenter Schneider

Honors recitation reserved for HC students enrolled in lecture/lab sections of PH 213. One-hour weekly session for the development of problem-solving skills in calculus-based general physics. Lecture, Lab, and Recitation combined, total 5 OSU credits. **Satisfies: HC Bacc Core - Physical Sciences**

PH 407H Physics and Philosophy of Time

CRN: 56833 Section 001 SEM F 1400 - 1450 1 HC Credit(s)

Instructor(s): Albert Stetz

Time is puzzling from the point of view of philosophy as well as physics. Does time "flow away like a river" as Confucius claimed, or do past, present, and future exist simultaneously in "block time" as special relativity suggests. What about time travel? If it's possible you should be able to be your own mother, father, and daughter, but no one is quite sure. Quantum mechanics actually makes it possible to change the past in some laboratory situations. What time was it when the universe was created? Theologians have always regarded this as a meaningless question; God created time along with the universe. Now cosmologists are seriously considering events before the origin of the universe. These and other questions will be addressed in a non-technical way with the help of various books written for a general audience. **Satisfies: HC Colloquia**

PHL/REL 434H Spirituality and Ecology: Green Yoga

CRN: 60037 Section 001 LEC TR 1000 - 1150 4 HC Credit(s)

Instructor(s): Stuart Sarbacker

An exploration of the relationship between spirituality and ecological engagement in traditional contexts and in contemporary spirituality, with a global focus on contemplative practices rooted in Indian tradition, such as yoga.

Crosslisted with REL 434H. **Satisfies: HC Bacc Core - Contemporary Global Issues**

PHL/REL 444H Biomedical Ethics

CRN: 56834 Section 001 LEC MW 1400 - 1540 4 HC Credit(s)

Instructor(s): Jonathan Kaplan

Bacc Core Course Application of ethical principles and decision-making processes to selected problems in medicine, health care, and biotechnology. Special attention given to end-of-life choices, reproductive rights and technologies, organ transplantation, research ethics, genetic engineering, and allocating scarce resources. An interdisciplinary focus that draws on social, legal, economic, and scientific issues in ethical decision in medicine. Crosslisted with REL 444H. **Satisfies:**

HC Bacc Core - Science, Technology and Society

PHL/REL/HST 210H Religion in the United States

CRN: 59364 Section 001 LEC MW 1000 - 1150 4 HC Credit(s)

Instructor(s): Amy Koehlinger

Crosslisted with HST/REL 210H. See HST 210H for course description. **Satisfies: HC Bacc Core - Difference, Power, and Discrimination**

REL/PHL 434H Spirituality and Ecology: Green Yoga

CRN: 60038 Section 001 LEC TR 1000 - 1150 4 HC Credit(s)

Instructor(s): Stuart Sarbacker

Crosslisted with PHL 434H. See PHL 434H for course description. **Satisfies: HC Bacc Core - Contemporary Global Issues**

REL/PHL 444H Biomedical Ethics

CRN: 58331 Section 001 LEC MW 1400 - 1540 4 HC Credit(s)

Instructor(s): Jonathan Kaplan

Crosslisted with PHL 444H. See PHL 444H for course description. **Satisfies: HC Bacc Core - Science, Technology and Society**

REL/PHL/HST 210H Religion in the United States

CRN: 59365 Section 001 LEC MW 1000 - 1150 4 HC Credit(s)

Instructor(s): Amy Koehlinger

Crosslisted with PHL/HST 210H. See HST 210H for course description. **Satisfies: HC Bacc Core - Difference, Power, and Discrimination**

SOC 444H Crime, Communities, Prisons, and Prevention

CRN: 57444 Section 001 SEM M 1700 - 2050 4 HC Credit(s)

Instructor(s): Michelle Inderbitzin

As part of the Inside-Out Prison Exchange Program, OSU Honors students will meet once a week for ten weeks with “inside” students in a state correctional facility in Salem. Together we will explore the impact of crime and mass incarceration on the larger community, with particular focus on those neighborhoods and groups most affected by concentrated incarceration, poverty, and other social problems. Along with studying underlying causes of crime and delinquency, we will examine prevention programs and strategies, looking at efforts being made to intervene and improve at-risk children’s life chances. Students will work together to design and implement service learning projects to benefit others. Enrollment is by Instructor’s permission and requires an in-person meeting and the ability to pass a criminal background check. For information, please contact: Michelle Inderbitzin, Ph.D. mli@oregonstate.edu. PREREQS WAIVED FOR HONORS STUDENTS. **Satisfies: HC Elective**

WGSS 325H Disney: Gender, Race, and Empire

CRN: 57445 Section 001 LEC R 1600 - 1850 3 HC Credit(s)

Instructor(s): Michael Floyd

Explores constructions of gender, race, class, sexuality, and nation in the animated films of Walt Disney; introduces concepts in film theory and criticism, and develops analyses of the politics of representation. **Satisfies: HC Bacc Core - Difference, Power, and Discrimination**

WGSS 340H Gender and Science

CRN: 56835 Section 001 LEC TR 1200 - 1320 3 HC Credit(s)

Instructor(s): Kryn Freehling-Burton

Analyzes the relationships between society and science by explaining technology and science as gendered practices and bodies of knowledge. Focuses on the ways the making of women and men affect the making of science and explores the roles of women in scientific pursuits. **Satisfies: HC Bacc Core - Science, Technology and Society**

Z/BI 415H Biological Sciences Thesis

CRN: 57446 Section 001 THESIS R 1600 - 1650 1 HC Credit(s)

Instructor(s): Barb Taylor & Eric Hill

Crosslisted with BI 415H. See BI 415H for course description. **Satisfies: HC Thesis/Research/Projects**