HC 407  The Evolving Role of Alcoholic Drinks in Society

CRN: 59575   Section: 032   SEM   SAT&SUN 900 - 1550   1 HC Credit(s)

This class is a weekend symposium that meets only on Saturday and Sunday 3/21/20 & 3/22/20. This is the weekend of Winter term finals week.

Instructor(s): Paul Hughes

Across most of the world, alcoholic drinks have had a substantial, sustained impact on humankind from economic, social and technical perspectives. This belies the fact that today the alcoholic drinks sector is essentially part of the leisure sector. In this colloquium, we will explore the development of the alcoholic drinks sector, focusing on beers, wines and spirits, and to explore their changing role in society, from a potable source of water to social lubricant. We will then debate the definitions of “beer,” “wines” and “spirits” as innovation challenges the traditional definitions and then consider innovation in the context of business growth and the role of the rapidly-growing craft sectors as a foil to megamergers and global brands. By the end of this colloquium you will be in a good position to understand, for better or worse, how the alcohol industry impacts everyday lives across the globe. Graded: P/N Satisfies: HC Colloquia

PAX 415H  Peace Literacy

CRN: 57627   Section: 001   SEM   3/27/20 Friday 1100 - 1720 & 3/28/20 – 3/29/20 Sat & Sun 1000-1720   2 HC Credit(s)

This class is a weekend symposium that meets Friday - Sunday 3/27-3/29

This is the weekend just prior to the start of the Spring term.

Instructor(s): Sharyn Clough

This course approaches peace not only as a global outcome, but also as a set of skills to be developed. The three peace skills we focus on in this class are Cultivating Empathy to Understand Aggression, Listening to Build Respect, and Developing Inner Calm to Navigate Conflict. These peace skills fall under what the philosopher Aristotle would call the set of virtues, in particular the virtue of phronesis or practical wisdom. Of course our understanding of the requirements of phronesis has expanded since Aristotle’s time. We now know that acquiring and practicing peace skills requires understanding the anatomy of trauma, war, and social injustice. On a methodological note, treating peace as a skill, as a virtue like phronesis, means that we must learn peace through practice, by doing. In this class we will study and practice. Students will design exercises to practice the skills they learn. Another way of thinking about being skilled in peace is being literate in peace, hence peace literacy. We will be meeting over a single weekend. Satisfies: HC Colloquia
ANTH 481H  Natural Resources and Community Values

CRN: 59973  Section: 001  HYB  F 1000 - 1120  3 HC Credit(s)
Required Field Trip May 8th 10am-3:30pm
Instructor(s): Irene Rolston
This course is a hybrid course that includes assignments online and weekly meetings. It will also include a field trip to the HMSC in Newport (May 8th 10am – 3:30pm). In addition this course requires an experiential learning component that entails using anthropological methods while volunteering for a sustainability/environmental organization for most of the term. Guidelines and time requirements will be discussed in the course syllabus, Canvas, and from the instructor.  

BI 213H  Principles of Biology

CRN: 52504  Section: 001  LEC  MWF 1300 - 1350  4 HC Credit(s)
& GRP MID
Nathan Kirk
AND choose one LAB section

CRN: 52505  Section: 010  LAB  W 1400 – 1650  Carmen Harjoe
CRN: 52668  Section: 020  LAB  Th 800 – 1050  Adam Chouinard
CRN: 57449  Section: 030  LAB  F 1400 – 1650  Carmen Harjoe

Instructor(s): Nathan Kirk, Carmen Harjoe, & Adam Chouinard
Genetics, evolution, natural selection, and ecology. PREREQS: CH 121 or CH 201 or CH 221 or CH 224H or (CH 231/231H and (CH 261/261H or CH 271)). RESTRICTIONS: For life science majors and pre-professional students. 

BI 306H  Environmental Ecology

CRN: 58288  Section: 001  LEC  TTh 830 - 950  3 HC Credit(s)
Instructor(s): Kate Lajtha
A central goal of this course is improved student writing in the natural sciences, and will involve both formal and informal (ungraded) writing exercises. Students will be introduced to the biological, physical, and chemical nature of both natural and human-disturbed communities; we will stress ways in which humans have altered terrestrial and aquatic ecosystem structure and function. PREREQS: one year of college biology and chemistry. RESTRICTIONS: Minimum of sophomore standing required. 

2/25/2020 9:34 AM
### CH 233H Honors General Chemistry

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<tr>
<td>53910</td>
<td>001</td>
<td>LEC</td>
<td>MWF 1200 - 1250</td>
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**AND choose one REC section**

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<td>53955</td>
<td>011</td>
<td>REC</td>
<td>Th 1100 - 1150</td>
<td>Kevin Gable</td>
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**AND choose one CH 263H LAB section**

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<tr>
<td>53909</td>
<td>010</td>
<td>LAB</td>
<td>T 1500 - 1750</td>
<td>Michael Burand</td>
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<tr>
<td>54235</td>
<td>011</td>
<td>LAB</td>
<td>Th 1200 - 1450</td>
<td>Michael Burand</td>
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This sequence examines the characteristics of molecular and atomic behavior and the way in which these influence chemical properties and reactions. **PREREQS: CH 232/232H or CH 222 AND CH 262/262H or CH 272 or CH 222 or CH 225H. Course Fee: $30. Satisfies: BaccCore - Physical Sciences**

### CS 391H Social and Ethical Issues in Computer Science

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<tr>
<td>57594</td>
<td>001</td>
<td>LEC</td>
<td>MWF 1200 - 1250</td>
<td>Pam Van Londen</td>
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**Instructor(s): Pam Van Londen**

In-depth exploration of the social, psychological, political, and ethical issues surrounding the computer industry and the evolving information society. **Satisfies: BaccCore – Science, Technology, & Society**

### ED 216H Purpose, Structure, and Function of Education in a Democracy

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<th>Instructor(s)</th>
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<tr>
<td>59048</td>
<td>001</td>
<td>LEC</td>
<td>MWF 1200 - 1250</td>
<td>Mike O’Malley</td>
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**Instructor(s): Mike O’Malley**

Introduction to the historical, social, philosophical, political, legal and economic foundations of education in Oregon, the United States, and other countries in order to provide a framework from which to analyze contemporary educational and environmental issues in various schools, communities, and workplaces. **Satisfies: BaccCore - Difference, Power, and Discrimination**

### ENG 211H Literature of the World: Africa

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<td>59049</td>
<td>001</td>
<td>LEC</td>
<td>TTh 830 - 950</td>
<td>Iyunolu Osagie</td>
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**Instructor(s): Iyunolu Osagie**

This course introduces students to a variety of genres in precolonial, colonial, and postcolonial African Literature: drama, fiction, the short story, the oral tradition, and poetry. Through a close reading of primary texts and an examination of applicable critical works, we will reflect on the economic, social, and political impact of the colonial encounter between Africa and Europe. Western imperialism manifests in what can be called “the colonial condition,” that is, an internal logic and perception of the other in the relationship between the colonizer and the colonized. Our goal is to frame, analytically, African literary output in light of the body of knowledge produced and or circumscribed by the relationship between Africa and the West. No prior knowledge of African Literature is needed. **Satisfies: BaccCore - Literature and the Arts OR Western Culture**
GEOG 340H  Introduction to Water Science and Policy

CRN: 55774  Section: 001  LEC  TTh 1400 - 1520  3 HC Credit(s)

Instructor(s): Michael Campana
This class 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 40% of the course is devoted to science, 40% to policy, and 20% to student presentations. Satisfies: BaccCore - Science, Technology, Society

HC 199  Honors Writing

Choose ONE Lecture

CRN: 51110  Section: 001  LEC  MWF 1100 - 1150
CRN: 51791  Section: 002  LEC  MWF 1300 - 1350
CRN: 53475  Section: 003  LEC  TTh 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. PREREQS: WR 121/121H. Satisfies: BaccCore - Writing II

HST 105H  World History II: Middle and Early Modern Ages

CRN: 59060  Section: 001  LEC  TTh 1400 - 1520  3 HC Credit(s)

Instructor(s): Rena Lauer
A survey of the historical development of several world civilizations roughly from the 8th century to the late 18th century. Exploration of religious, cultural, social, political, and economic institutions of various societies. Cultural diversity analysis of both ancient Western and non-Western civilizations. Satisfies: BaccCore Cultural Diversity OR Western Culture

HSTS 440H  History of Psychotherapy

CRN: 57463  Section: 001  LEC  TTh 1200 - 1350  4 HC Credit(s)

Instructor(s): Mina Carson
The history of psychotherapy in modern Western societies, from biomedical, cultural, political, and psychosocial perspectives. Satisfies: BaccCore - Science, Technology, Society
MUS 102H    Reggae: A History of Jamaican Music

CRN: 53537   Section: 001   LEC   TTh 1000 - 1120   3 HC Credit(s)

Instructor(s): Ryan Biesack

This survey traces the roots of Jamaican music, which has become known as Reggae, from just prior to Jamaica's Independence from Great Britain in 1962 starting with the American R & B influenced Ska, through Rock Steady, Dub, Roots Rock, Reggae, DJs, Toasting, and through the early turn of the millennium. We will look at key musicians, producers and performers, as well as examine key social and political events that helped shape this great music. When possible, guest speakers, video clips, audio clips and other media will be used to tell the story of this rapidly changing, wide reaching music. Also, an optional field trip to a reggae concert will enhance the study of this music, and give the students an accurate modern day perspective and idea of reggae today. Satisfies: BaccCore - Literature and the Arts

PAC 293H    Interdisciplinary Yoga: Mindfulness

CRN: 57466   Section: 001   ACT   T 1400 - 1550   1 HC Credit(s)

Instructor(s): Tsipora Claudia Berman

Journey to the seen and the unseen through a multi-sensory, interdisciplinary, transformative study of mindfulness utilizing a fun, creative variety of individual and group mind/body practices applicable to everyday life and across academic disciplines. Develop your imagination, intuition, inspiration, integration, and interpretation including 15 sensory perceptions to live to your highest potential with resilience to navigate the challenges of personal and professional endeavors. You will unravel the mysteries of why the 8,000-year-old science of Yoga is all encompassing, integrated with positive psychology, physics, neuroscience, human biology, and grounded in the eight-part awakening process.

This course is designed to introduce students to the practice and understanding of interdisciplinary yoga with a focus on mindfulness skills. The style of yoga presented in this course originated in India thousands of years ago. It is one of the oldest systems for personal development in the world, encompassing body, mind and spirit. This course is an integrated, experiential, multisensory study of mindfulness principles through the experience of the basic level 1 Yoga postures, various forms of meditation, breathing practices, reflection and sharing. Based on broad, all welcoming, practice of Kripalu Yoga, Experience the smoothness of vinyasa flows, the intensity of holding postures and the freedom of your own personal style: Asana, Breath, and Meditation all happen simultaneously.

Each class will include: Coming into the present moment by centering the body, mind, and breath. Warm-up exercises that synchronize breath with movement, as means of inducing concentration and preparing the body. Creative asana sequences designed to stretch, strengthen and balance the body including: standing and balancing, forward and back bending, spinal twists, lateral bends and inversions. Classes often include meditation-in-motion; classes close with integration through relaxation and meditation. Course Fee: $49 Satisfies: BaccCore - Fitness

PAC 325H    Wilderness First Aid

CRN: 58295   Section: 001   ACT   Th 1100 1250 & Required all-day field trip Saturday, May 16th   1 HC Credit(s)

Instructor(s): Sheila Evans

Crunch! Ugh… Ouch! Do you recreate with accident-prone friends or family? Do you spend any time playing the outdoors? The fundamentals of emergency care in non-urban environments are useful skills. Backcountry emphasis with long-term care and evacuation complications make this course unique. There will be a number of outdoor sessions so come prepared with “grubby” clothes that will get dirty or fake-bloodly. The course has two components: knowledge as evidenced by performance on written exams and quizzes, and practical skills as demonstrated throughout the course and on the final exam. This course covers the fundamentals of emergency care in a non-urban environment, including physiology, injury assessment, short term care, anatomy, and small group rescues. While much of the material appears to be standard emergency care information, the backcountry emphasis with long-term care and evacuation complications makes this course unique. The course fee covers certification fees, cards, instructional supplies, and field staff. Course Fee: $167 Satisfies: BaccCore - Fitness
PH 211H  General Physics with Calculus
CRN: 57945  Section: 001  LEC  MWF 1100 - 1150

AND choose one LAB section

CRN: 57946  Section: 010  LAB  T 1600 - 1750
CRN: 57947  Section: 020  LAB  T 1800 - 1950

Instructor(s): Davide Lazzati
A comprehensive introductory survey course intended primarily for students in the sciences and engineering. Topics include mechanics, wave motion, thermal physics, electromagnetism, and optics. Elementary calculus is used. Satisfies: BaccCore - Physical Sciences

PH 221H  Recitation for Physics 211
Choose ONE Recitation
CRN: 51736  Section: 001  REC  Th 1100 - 1150  Henri Jansen
CRN: 56508  Section: 002  REC  T 1400 - 1450  Elizabeth Gire
CRN: 57948  Section: 003  REC  M 1500 - 1550  David McIntyre

Instructor(s): Elizabeth Gire, Henri Jansen, & David McIntyre
Honors recitation reserved for HC students enrolled in lecture/lab sections of PH 211 or PH 211H. One-hour weekly session for the development of problem-solving skills in calculus-based general physics. COREQ: PH 211 or PH211H. Graded: P/N Satisfies: BaccCore - Physical Sciences

PH 223H  Recitation for Physics 213
CRN: 52507  Section: 001  REC  T 1100 - 1150  1 HC Credit(s)

Instructor(s): Geunter 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. COREQ: PH 213. Graded: P/N Satisfies: BaccCore - Physical Sciences
Instructor(s): Rob Figueroa

Human societies are characterized by a specific relation to nature. The way in which this relation is understood and implemented in narrative, policies, norms, and habits, reveals the way in which a society understands itself, how it is constituted and on which basic, shared values it rests. In this class we will explore and compare different models of the relation to nature and discuss the different forms of environmentalism that stem from them. We will examine leading ideas such as 'Sustainable Development,' the 'Green Economy,' and the debate revolving around 'Ecosystem Services' and their valuation. We will also engage with perspectives that question the Western model of development, like 'Degrowth' and 'Ecofeminism' or the vision of a 'Radical Ecological Democracy' developed by Indian environmental activists and the concept of 'Buen Vivir' (Living Well) stemming from indigenous people from Latin America. Environmental conflicts are value conflicts: different ways of understanding our relation to nature support different programs and projects to address the global ecological crisis. We will analyze some of them in details with great attention to different points of view and to the distribution of burdens and benefits (who are the winners and who are the losers in each of them? Whose perspective is being considered or neglected?). In this class we will meet with different forms of texts and different disciplines: scholarly works in the fields of philosophy, ecology, ecological economics, and political theory; activists' and political documents; policy advice, narrative, and hypertexts, and of course interviews and short films. Recommended Prereqs: One introductory-level science course and sophomore standing is recommended. Satisfies: BaccCore - Contemporary Global Issues. Crosslisted with REL/PHL 443H.

Instructor(s) Youjin Kong

In this class, we will cover 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. Satisfies: BaccCore – Science, Technology, & Society. Crosslisted with REL/PHL 444H.

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: BaccCore - Difference, Power, and Discrimination

An examination of French society through its own cinema. Via the screening and study of films from the various periods of French history, students will delve into the heart of French society and discover the socio-historical, political, economic and cultural contexts. Satisfies: BaccCore - Western Culture
WR 224H   Introduction to Fiction Writing

CRN: 60123   Section: 400 online  3 HC Credit(s)

Instructor(s): Robert Drummond

This special Honors section of WR 224 will put an Honors College-twist on the traditional approach to introductory fiction writing. Our goal will be to develop your abilities as a writer of fiction through targeted writing practice and the focused analysis of published work. In the first half of the term, we’ll build your proficiency and comfort level with the elements of compelling fiction writing through discreet exercises and careful reading; then we’ll let you loose to apply these newfound skills as you develop your fiction portfolio, the heart of which will be your own completed and revised short story. This class will be different from most others you might have taken in that you will be calling on your imagination and creative mind for much of our work, but it will still require a scholarly engagement equal to or beyond your other courses. You’ll walk out of the class a better writer and a more discriminating consumer of stories in all mediums. PREREQS: WR 121/121H. This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Satisfies: BaccCore - Writing II

WR 327H   Technical Writing

CRN: 60125   Section: 400 online  3 HC Credit(s)

Instructor(s): Emily Elbom

Continued practice in writing with an emphasis on the rhetorical and critical thinking demands of writers in scientific and technological fields. PREREQS: WR 121/121H. RESTRICTIONS: Minimum of sophomore standing required. This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Satisfies: HC BaccCore Writing II
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 programming 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 molecules 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 will be displayed in a public gallery exhibition. Satisfies: HC Colloquia

Instructor(s): Phil McFadden

The Building Hope program features one colloquium each term that’s focused on a different aspect of international service learning, as well as an optional international service learning trip during spring or summer break. The goals of the overall program are to help students gain an appreciation and understanding of the complexities of service work in international communities while encouraging students to consider “internationalizing” their academic coursework or Honors Thesis. This particular colloquium focuses on the concept of teams – enhancing interpersonal and team skills through the concept of contributorship. The colloquia for other terms focus on culture and impact of service learning. The colloquia can be taken at any time and do not need to be taken as a series or in any particular order. Satisfies: HC Colloquia

Instructor(s): David Kovac

The course requires attendance at an organizational meeting, a three day field trip, and one discussion meeting. 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: We will depart from OSU on Friday 4/17 at 12:30pm. After we arrive in Ashland to check into the Best Western Windsor Inn, we will go to the Oregon Shakespeare Festival to see the first play. Saturday will consist of two shows. We will leave Ashland to travel back to Corvallis on Sunday 4/19 at 10:00am (following breakfast).

Course fee includes tickets for three plays, coach travel, and two nights stay with continental breakfast at the Windsor Inn. Bring money for snacks, lunch, and dinner. 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. Please note that this class can only be taken twice for credit. Graded: P/N Course Fee: $288. Satisfies: HC Colloquia
**HC 407**  
**STEM Outreach as Service Learning**

CRN: 53926  
Section: 002  
SEM  
Th 1800 - 1950  
2 HC Credit(s)

Instructor(s): Margaret Haak & Skip Rochefort

This colloquium will focus on doing. Students will learn about the delivery of STEM content in typical outreach environments, and you'll learn by doing. Students in this class are 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 - some occur during class meeting times. Service Learning Opportunities include Discovery Days, Earth Day, Family Science and Engineering Nights, and school campus visits. **Satisfies: HC Colloquia**

**HC 407**  
**A Recovery Plan for a Sick Society**

CRN: 59050  
Section: 003  
SEM  
W 1000 - 1150  
2 HC Credit(s)

Instructor(s): Richard Clinton

Business as usual isn't working -- consumerism, incessant distractions, and the never-ending push for economic growth haven't made us happier. Neither have our compulsion for personal advancement nor our tepid concern for the common good. The individual, social, and environmental costs of this cultural crisis are becoming intolerable. Our seminar will be structured around readings from *Enough is Enough: Building a Sustainable Economy in a World of Finite Resources*. A 2-page "critical reaction paper" will prepare you for class discussions and provide me with a way to offer suggestions for improving your writing. In essence, we will be confronting head-on the unsustainable way of life of the modern era and examining some well-conceived alternatives. **Graded: P/N**  
**Satisfies: HC Colloquia**

**HC 407**  
**Plastics for Poets**

CRN: 53499  
Section: 004  
SEM  
Th 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:

Mr. McG: Ben, come with me for a minute. I want to talk to you. I just want to say one word to you. Just one word.

Ben: Yes, sir.

Mr. McG: Are you listening?

Ben: Yes, I am sir.

Mr. McG: PLASTICS!

Ben: Exactly how do you mean?

Mr. McG: There's a great future in PLASTICS. Think about it. Will you think about it?

Ben: Yes, I will sir.

And indeed they 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, shampoos, and baby diapers to automobiles. 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. After some introductory overview material, the course direction will be determined in large part by the interests of the participants.

There will be a series of demonstrations and experiments on making plastics and other gel materials; measuring the properties of plastics; plastics recycling; paper vs. plastic; plastics in food; and the best part of all -- plastic toys! Each student will be given their very own example of what has been called by some educators (yours truly included) "...the most educational toy ever invented." **Satisfies: HC Colloquia**
### HC 407  Addiction in Modern Society

| CRN: 53500 | Section: 005 | SEM | W 1400 - 1550 | 2 HC Credit(s) |

Instructor(s): Ray Tricker

This course is designed to examine addictive behavior, compulsive behaviors, craving, ideations, and fixations in a variety of different settings; namely, exercise, exercise and eating disorders, workaholism, technology addiction, sex addiction, gambling addiction, body dysmorphic disorder, self-harm, and substance abuse addiction. Common psychological characteristics among the various addictive behaviors will be discussed e.g.; urges, fixations, irritability, craving, obsession. **Graded: P/N Satisfies: HC Colloquia**

### HC 407  Analyzing Humor

| CRN: 56509 | Section: 006 | SEM | M 1400 - 1550 | 2 HC Credit(s) |

Instructor(s): Eric Hill

The writer E.B. White once said, "Humor can be dissected as a frog can, but the thing dies in the process and the innards are discouraging to any but the pure scientific mind." We'll be killing a lot of frogs in this course, examining many types of humor -- including satire (Horatian versus Juvenalian), burlesque, parody, irony, gallows, anti-humor, and more. Students will write analyses and present examples of humor in class, but they will also present their own attempts at writing humor. Students will learn about the various theories of humor, the history and development of different types of humor, and how to use the tools of analysis to examine the various mechanisms of humor. **Graded: P/N Satisfies: HC Colloquia**

### HC 407  Principles of Comparative Planetology

| CRN: 53912 | Section: 007 | SEM | TTh 1000 - 1050 | 2 HC Credit(s) |

Instructor(s): Randy 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: 53913 | Section: 008 | SEM | W 1400 - 1550 | 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, pharmacy, 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, particularly psychedelics, 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 how the images used to represent substance use within specific socio-historical moments inform our understandings about and judgments of those behaviors. **Satisfies: HC Colloquia**
HC 407  Biomimicry: Wisdom and Inspiration from Nature to Solve Human Challenges

CRN: 59051  Section: 009  SEM  M 1400 - 1450
Field trip April 20th 2:00-5:00pm

Instructor(s): Shanna Ruyle

Do you see people having challenges with products, services or businesses? Would you like to solve these challenges by borrowing insights and design expertise from other species?

“Biomimicry is a practice that learns from and mimics the strategies found in nature to solve human design challenges — and find hope along the way.” —Biomimicry Institute

Explore the biomimicry framework and method of developing innovation for product/service/business design or other global/local challenges. Student-led questions and inquiry will determine which challenges to focus on both individually and in groups throughout the course. Take advantage of spring weather and spend some time outside in nature during this exploration—connect to concepts outside the classroom (literally and figuratively). Field trip April 20th 2:00-5:00pm. Students who are not able to attend the trip will be offered an alternative assignment. Graded: P/N Satisfies: HC Colloquia

HC 407  Technology and the Good Life

CRN: 55100  Section: 010  SEM  T 1400 - 1550

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 impediment 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 impediment 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: 55775  Section: 011  SEM  Th 1000 - 1150
Weeks 2, 4, 6, 8, and 10 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. The course will be a mix of field work and discussion. Field work will consist of visiting natural and human-altered/built environments, to assess their potential relationships to human health. These trips during class meeting times will form the basis for discussion, to illustrate the deeper relationships of humans and human health to the living and physical environment. Graded: P/N Course Fee: $8. Satisfies: HC Colloquia

HC 407  From Zombies to Preppers: America’s Obsession with Apocalypse

CRN: 55101  Section: 012  SEM  Th 1000 - 1150

Instructor(s): Rob Drummond

Americans of late seem to be spending more and more time both fretting and fantasizing about The End of the World as We Know It. This is not a new subject in human history, but without question the last ten to fifteen years in America have seen a notable upswing not only in the number of post-apocalyptic books, movies, and TV series, but also in our fascination with zombies, mass pandemics, and mega-disaster preparedness. What’s behind this addiction to apocalypse? Our goal in the course will be to explore this question. We will categorize societal collapse using a representative range of potential catastrophes, then seek historical and contemporary patterns, look for answers—and try to have some fun doing it. Welcome to class! Graded: P/N Satisfies: HC Colloquia
**HC 407  God, Pain, and the Problem of Evil: An Introduction to C.S. Lewis**

CRN: 55102  Section: 013  SEM  M 1600 - 1750  2 HC Credit(s)

Instructor(s): Gary Ferngren

C. S. Lewis (1898-1963), Oxford don, novelist, and literary critic, was one of the most gifted and popular theological writers of his generation. Lewis dealt in his philosophical and imaginative works with some of the most basic and perennial moral and religious questions. The format will consist of discussion based on selected readings from four well-known books of C. S. Lewis. I will encourage the expression of a variety of points of view and help students both to analyze Lewis’s ideas and to express their own opinions in a rational and informed manner. Lewis is provocative and his writings lend themselves to discussion and debate. A writing component is included in the form of a short paper of five or six pages based on the assigned reading for the course. The topic: ‘How does C. S. Lewis develop and illustrate in his fictional works the themes that he discusses in his philosophical works?’ It will be graded on both content and style. Verbal communication skills will be cultivated by the discussion format. **Graded: P/N**  
**Satisfies: HC Colloquia**

**HC 407  Leadership and Positive Psychology**

CRN: 56506  Section: 014  SEM  M 1000 - 1150  2 HC Credit(s)

Instructor(s): Don Johnson

This is why we are here. It makes sense to assume that people who possess a strong sense of personal wellbeing and a perspective of optimism are likely to create/support leadership solutions that have lasting effectiveness and support the wellbeing of others. Leadership is the creation of a solution to something. The solution could focus on anything from leading the development of a community event to addressing health care in third world countries. Positive psychology is “the scientific study of what makes life most worth living, using a perspective of optimism and wellbeing” as expressed in the PERMA Theory developed by Marty Seligman at the University of Pennsylvania. We will study the PERMA Theory and use its elements as a foundation for creating leadership solutions in a series of actual Case Studies. Your work is about thinking and thinking creatively. You will have one homework assignment, which is a research paper due at the beginning of finals week. **Graded: P/N Satisfies: HC Colloquia**

**HC 407  Classical Music Portland Live**

CRN: 59053  Section: 015  SEM  Weeks 6-10 Only  1 HC Credit(s)

Required Pre-Trip Meeting: 5/6/20 Wed. 1600 - 1650  
Required Field Trip Sat. 5/9/20 – Sun. 5/10/20  
Required Post-Trip Meeting: 6/3/20 Wed. 1600 – 1650

Instructor(s): Kimary Fick

Enjoy a weekend in Portland and hear live classical music performances by nationally-renowned ensembles, such as the Oregon Symphony, to experience first-hand the power of classical music. Students will stay overnight in the city to attend two live performances and visit the Portland Art Museum for an immersive weekend of culture. In addition to traveling to Portland, the class will meet twice on campus, both before and after the event, to prepare for the trip and discuss the experience. Following the performance, you will submit either a concert review or a creative work in response to your weekend. **Graded: P/N Course Fee: $181. Satisfies: HC Colloquia**
HC 407    Creative Writing in Nature

CRN: 59052    Section: 016    SEM    F 1200 - 1350    2 HC Credit(s)

Required Field Trips: April 10-11, May 8-9, and one local trip during class time.
See description for full details.

Instructor(s): Jeff Fearnside

Class members explore nature—both around them, in Oregon’s beautiful natural environment, and within them, through thoughts, associations, and memories—as a catalyst for writing original works of fiction, poetry, and creative nonfiction. Short readings in all three genres provide context for writing exercises based on specific prompts, a nature journal, and two longer creative projects. Special emphasis is on experiential opportunities found in various field trips both locally and farther away, including student-led interactions with resident naturalists and other expert guides. The class requires attendance at three field trips. Trip 1: To Shotpouch Cabin in the Coast Range April 10-11 (leaving 11 a.m. Friday-and returning to campus by noon Saturday). Trip 2: To the Andrews Forest in the Cascades May 8-9 (leaving 10 a.m. Friday- and returning to campus by 1 p.m. Saturday). Students must also attend at least one (with the option of both) of 2 short local day trips on Fridays, April 24 and/or May 22 held during class times. Course fee covers transportation, lodging, and meals for both overnight trips. *Graded: P/N Course Fee: $83. Satisfies: HC Colloquia*

HC 407    Toy-Based Technology for Children with Disabilities

CRN: 55776    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. *Satisfies: HC Colloquia*

HC 407    Exploring the Crystalline World

CRN: 59055    Section: 019    SEM    M 1000 - 1150    2 HC Credit(s)

Instructor(s): David Cann

The world around us is made of atoms, and most of the solid materials we see and touch are composed of atoms in a special arrangement defined as “crystalline.” A crystalline material is one in which the atoms are organized into a periodic, ordered arrangement that is repeated over long distances. In this colloquium, we will qualitatively explore the chemistry, structure, and symmetry of the common crystalline materials that are all around us – and even inside our bodies. We will discuss examples in class from engineering, geology, biology, we will conduct some simple laboratory demonstrations, and we will tour laboratory facilities on campus that are used to study crystalline materials. *Graded: P/N Satisfies: HC Colloquia*
### John Steinbeck's Pacific

CRN: 56667  Section: 020  SEM  T 1100 - 1150  
1 HC Credit(s)

Instructor(s): Holly V Campbell

Throughout this course, we will examine *The Log from the Sea of Cortez*, the book chronicling the voyage of John Steinbeck and Ed Ricketts to collect marine fauna in the Gulf of California. The course will employ interdisciplinary lectures, discussions, group and individual research, guest lectures and film to explore the work's rich context in terms of coastal marine science and investigation, politics (U.S. and natural resource), history and natural history, friendship, philosophy, ethics, and navigation. The class will culminate in a discussion of the literal and figurative meanings of terms such as expedition, voyage, and discovery, their relevance to contemporary society, and how we may interpret these terms within our lives both as individuals and communities confronted with a changing environment.  

**Graded: P/N Satisfies: HC Colloquia**

### Imaging the American West

CRN: 57457  Section: 021  SEM  W 1000 - 1150  
2 HC Credit(s)

Instructor(s): John Campbell

Images of the American West are formative in American and, to some extent, world culture. The Western landscape has been portrayed as iconic: a stage on which cultural constructions of individualism, gender, empire, otherness, and nature are graphically enacted. Western peoples, similarly, have often been presented as archetypes (or as stereotypes), representative of American myths, fears, and ideals. In this course, we will explore images of the West—paintings, photographs, and Western films—and their implications for contemporary culture and identity. As an integral part of this exploration, we will create original images in order to experience the power of visual depiction in a landscape context.  

**Graded: P/N Satisfies: HC Colloquia**

### Imaging the Universe

CRN: 59056  Section: 022  SEM  Th 1500 - 1550  
1 HC Credit(s)

Instructor(s): Tom Carrico

The universe is far more than what our eyes can see. Using DSLR cameras (their own or borrowed from the school), students will go outside and image the night sky. They will learn various methods of image processing that will help tease out all available information. From there, the course will look at many of the resources available that will reveal more of the spectrum of the universe, including radio telescopes, orbiting observatories, and other novel techniques. There will be opportunities to look through solar telescopes, experience a local star party (on campus) with a wide range of telescopes, and spend many evenings photographing the universe at a site on campus.  

**Graded: P/N Satisfies: HC Colloquia**

### Lighting for Human Wellbeing

CRN: 59057  Section: 023  SEM  M 1800 - 1950  
2 HC Credit(s)

Instructor(s): Milena Simeonova

Indoor lighting impacts our health. What we see (and don't see) sends signals to our brain, regulating hormonal production, mind concentration, and the quality of our sleep. To learn what constitutes healthy lighting conditions, students will experiment "hands-on" with LED lights, and will perform "mock-ups" in "real-life projects" on campus. Students will integrate sciences, nature, and hands-on experiences to create "Guidelines for Healthier Lighting;" and develop social responsibility for human wellbeing, presenting to OSU "clients" on how to improve lighting conditions and human wellbeing on campus.  

**Graded: P/N Satisfies: HC Colloquia**
We all have a desire to be happy. Is our need for happiness causing us to suffer as an elusive-flatter or is the desire substantial and necessary to live a satisfying life? What is it that we are looking for? What is happiness as such? In this course, we will immerse ourselves in the wisdom of some of the greatest philosophers and search for answers that can become guidelines for life. By closely examining the thought of a few chosen Western and Eastern thinkers we will discuss and brainstorm about different ideas of happiness in order to find its essence. The course will be based on close analysis of the texts and vibrant in-class discussions. By the end of this course we will become closer to understanding the essence of happiness and, perhaps, become a bit more skilled in creating a happy life.

Instructor(s): Marta Kunecka

Graded: P/N Satisfies: HC Colloquia

What you're doing isn't self-defense. It's the exploitation of another species for your own benefit. My people decided a long time ago that that was unacceptable, even in the name of scientific progress.” - Captain Kathryn Janeway.

While we have the ability to clone animals (and therefore humans), the ethical and moral ramifications have tempered many scientific advances. The fictional universe of Star Trek often explores the nexus of advanced technologies and the resultant ethical considerations. This class will use episodes from the Star Trek universe, paired with real-life case studies, to delve into the seen and unforeseen consequences of advanced technologies. Examples include experimental surgical techniques, genetic engineering, cloning, artificial intelligence and environmental regulations.

Instructor(s): Diana Rohlman

Satisfies: HC Colloquia

Space missions have always been a source of knowledge and inspiration. Satellites serve to communicate signals and allow us to access and exchange information globally. Satellites have advanced our knowledge of the earth’s weather and global warming. Furthering our knowledge of the solar system and beyond is made possible with satellites that process images and signals from space. The course will begin with an overview of the launch mission, the fundamentals of orbital mechanics, and satellite power systems, and explore the design of past, present and future space missions. Missions such as Voyager, New Horizons, the International Space Station, and the James Webb telescope will be discussed. Current industry and research practices of satellite mission design will be explored.

Instructor(s): Nancy Squires

Satisfies: HC Colloquia

This colloquium offers a dialogue about migration in the contemporary world. Our primary concern is to understand how nation-state migration policies and international laws and norms impact people migrating for purposes of work, study, family unification, and refuge. Globalization has created new challenges for citizenship and human security. Boundaries are being blurred and the authority of states is being physically and conceptually eroded. Millions of people have multiple citizenship, millions more lack citizenship of their country of residence. Cultural heterogeneity is escalating. Identities are unstable and insecure. Refugee populations currently exceed 65 million, more than at any time since World War II. There are increasing numbers of people who do not ‘belong.’ They are the ‘others.’ Join the analysis and discussion with guests from the migrant and legal communities.

Instructor(s): Douglas Clark

Graded: P/N Satisfies: HC Colloquia
If asked about our social standing, most of us would say we're “middle class.” But what does that actually mean? In this colloquium, we will use a combination of narrative and analytical texts, along with documentary films, to investigate the intersectional complexities of social class in America. We will explore such questions as: What is class? How can it limit individual and collective freedoms? What effect does it have on community? How does it influence our perceptions of individuals' skills and abilities? How are classes created and maintained? Our readings, discussions, short in-class writing assignments, and informal presentations will build toward a final project: a reflection on and/or exploration of some aspect of social class in the form of a personal essay, interview(s), digital narrative, photo collage, etc. Graded: P/N  Satisfies: HC Colloquia
Citizenship: US History, Politics, Law, & Society

CRN: 59572  Section: 031  SEM  F 1200 - 1350  2 HC Credit(s)

Instructor(s): Christopher Nichols & Danielle Holtz

This class tackles some of the most pressing contemporary questions about American democracy and situates them in the longer political, legal, and social history involved. This course’s readings and discussions assess citizenship in terms of what scholars call functions of capability and capacity. That is, while the class is concerned with exploring the question “what is a citizen?,” we are more focused on the issue of “what can a citizen do,” or, implicitly, “what is a citizen empowered or permitted to do?” and “what factors constrain those capacities?”.

These perspectives guide students to understand citizenship as an ever-evolving process, contingent on a variety of factors controlled by the state and the dominant powers within any given society. To that end, the course is divided into four modules, each centered on the lived and contingent experience of citizenship: Becoming, Belonging, Behavior, and Belief. Each module will address the historical processes and institutional factors that govern that experience, including first-person testimonies and interviews, as well as the social, cultural, legal, and political contexts that shape it. Specific issues the class tackles include exclusion and inclusion, voting rights, immigration and naturalization, military service, social services, and much more. Each week, students will be introduced to these sorts of citizenship issues with short readings, viewing, listening, and writing assignments, alongside representations of its practical, on-the-ground complexity. For example, students will listen to a podcast that includes an interview with a scholar whose work they will have been assigned for that week on an issue related to citizenship, such as immigration, and with someone who can speak to the practical dynamics of that issue, such as an immigration-rights activist, a representative of Oregon’s Citizenship and Naturalization Services, or a person who has experienced the naturalization process. **Graded: P/N Satisfies: HC Colloquia**

The Handmaid’s Tale: Gender, Race, and Religion in Gilead

CRN: 60063  Section: 033  SEM  MW 0900 - 0950  2 HC Credit(s)

Instructor(s): Eliza Barstow

In this course, you will read Margaret Atwood’s novels The Handmaid’s Tale and The Testaments, and you will also watch the first season of the Hulu adaptation of The Handmaid’s Tale. Both the novels and the television show force us to ask difficult questions about personal freedom; the responsibilities of national governments; the relationships between men, women, and children; the diverse ways in which religion can be interpreted and put to use in society; and the nature and causes of human happiness. Moreover, the content of these stories require us to take a hard look at United States history (most specifically at the history of slavery and the exploitation of black bodies) and also at our many potential futures as a society.

In this class, your engagement with the material will culminate in the production of a short piece of fiction (or possibly a screenplay or poem) in which you write from the standpoint of one of the characters we meet in Gilead. As a class, we will create a collection of stories that broadens our understanding of the many people who inhabit and shape everyday life in Gilead. **Graded: P/N Satisfies: HC Colloquia**

Humans and the Ocean

CRN: 60113  Section: 034  SEM  MW 0900 - 0950  2 HC Credit(s)  

Required Field Trip May 20th 9am - 12 pm

Instructor(s): Susanne Brander

The purpose of this course is to introduce students from diverse backgrounds to ways in which humans understand the marine environment, through scientific, literary and artistic approaches. Lectures, group and individual library research, field trips, and assignments will collate approaches from a range of disciplines including marine science, history, literary study, and other arts and humanistic disciplines. Through fiction and non-fiction literary perspectives designed to enhance critical reading skills, students will learn about historic and contemporary ocean and coastal issues, such as sustainable fisheries, plastic pollution, and climate change, with perspectives from faculty in the humanities, arts, and sciences. Interactive lessons will focus on how humans have come to understand the marine environment, by elucidating both the history of how scientific knowledge has developed and the ways in which that knowledge is represented in literary and other artistic mediums. This historical perspective will facilitate learning via discussion and storytelling. **Graded: P/N Satisfies: HC Colloquia**
From Agatha Christie’s Miss Marple to Kristen Bell’s Veronica Mars, women have solved some of the dastardliest crimes of the detective genre both on the page and on the screen. We will look at a variety of texts and films featuring lady detectives—some very ladylike indeed, some decidedly not—to examine the cross-sections between gender and genre. How do these detectives use their performance of gender to solve mysteries? How do these stories challenge, reinforce, and/or complicate traditional notions of gender and crime? 

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/ tuition. Graded: P/N Satisfies: HC Colloquia

This is a one-credit Honors College seminar course intended for all Honors students regardless of major or class standing. What is time? Is it possible to revisit the past? Why does time have a definite direction despite the fact that most of the equations of physics are time-symmetric? Does time flow like a river or do we move through it? What time was it before the universe came into existence, and does time make any sense during the very earliest stages of the expansion of the universe? These are traditional philosophical questions for which modern physics has some surprising answers, and as you might expect, these answers raise further questions. Satisfies: HC Colloquia
BA 162H  Innovation Nation - Ideas to Reality

CRN: 56503  Section: 019  REC  F 0900 - 0950  2 HC Credit(s)
Sandra Neubaum

CRN: 56497  Section: 010  LEC  TTh 1100 - 1150  Amy Neuman
CRN: 56499  Section: 012  LEC  TTh 1300 - 1350  Amy Neuman
CRN: 56501  Section: 014  LEC  TTh 1400 - 1450  Amy Neuman

This course is shared with sections for COB Dean's Academy students. HC students must register for these listed sections.

Instructor(s): Amy Neuman & Sandra Neubaum
Second course in a two-course sequence. Topics include evaluating entrepreneurial capabilities, creativity and innovation, opportunity recognition, impression management, and responsible business practices. Continues a conversation on self-management, offering opportunities for active reflection on critical skill sets necessary for success in today's global market. PREREQS: BA 161/161H. RESTRICTIONS: For first-year students only. Satisfies: HC Elective

BA 260H  Introduction to Entrepreneurship

CRN: 56493  Section: 001  LEC  MW 1600 - 1750  4 HC Credit(s)

This course is shared with a section for COB Dean's Academy students. HC students must register for this section.

Instructor(s): Manuela Hoehn-Weiss
Topics include evaluating entrepreneurial capabilities, creativity, business plan creation, opportunity assessment and feasibility analysis, business implementation, new product introduction, and seeking funds. RESTRICTIONS: Business Majors/Minors only. Minimum of sophomore standing required. Satisfies: HC Elective

BA 270H  Business Process Management

CRN: 57444  Section: 001  LEC  MW 1400 - 1550  4 HC Credit(s)

This course is shared with a section for COB Dean's Academy students. HC students must register for this section.

Instructor(s): Venkataramani Raja
Integrates core concepts from Business Information Systems (BIS) with those of Operations Management and introduces a process-oriented view of the flows of materials, information and services through and across organizations. The course helps students identify information-bearing events, assess and improve process efficiency, learn to model and analyze business processes, and understand the interactions between human behavior and process design. PREREQS: BA 275/275H RESTRICTIONS: Business majors/minors only. Minimum of sophomore standing required. Satisfies: HC Elective
**BA 275H  Foundations of Statistical Inference**

CRN: 59576  Section: 001  LEC  TTh 1600 - 1750  4 HC Credit(s)

This course is shared with a section for COB Dean's Academy students. HC students must register for this section.

Instructor(s): Xiaohui Chang

An introductory course on statistical inference with an emphasis on business applications. Coverage includes descriptive statistics, random variables, probability distributions, sampling and sampling distributions, statistical inference for means and proportions using one and two samples, and linear regression analysis. **PREREQS:** MTH 111 OR MTH 241 OR MTH 251/251H. **RESTRICTIONS:** For business major/minors only. Minimum of sophomore standing required. **Satisfies: HC Elective**

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**BA 354H  Managing Ethics and Corporate Social Responsibility**

CRN: 56495  Section: 001  LEC  MW 1000 - 1150  4 HC Credit(s)

This course is shared with a section for COB Dean's Academy students. HC students must register for this section.

Instructor(s): Ted Paterson

Introduces contemporary issues that business professionals face making ethical and socially responsible decisions in an increasingly fast-paced, transparent, and global environment. This is a Writing Intensive Course. **PREREQS:** (COMM 111/111H or COMM 114/114H) and (WR 222 or WR 323 or WR 327/327H or HC 199). **RESTRICTIONS:** Business majors/minors only. Senior standing required. **Satisfies: HC Elective**

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**BA 466H  Integrative Strategic Experience**

CRN: 57447  Section: 001  LEC  TTh 1600 - 1750  4 HC Credit(s)

This course is shared with a section for COB Dean's Academy students. HC students must register for this section.

Instructor(s): Jeffrey Barden

Provides students with an overview of the basic concepts in strategic management. Students learn frameworks and models to understand and analyze a firm's external environment and internal resources in an effort to create sustainable competitive advantages. Analysis and critique of conventional conceptions of business ethics. Evaluation of ethical issues involving businesses at firm, national, and international levels. **PREREQS:** (BA 240/240H or FIN 340/340H or BA 360/360H) and BA 352/352H and BA 357/357H and (BA 223/223H or BA 390/390H). **RESTRICTIONS:** Business majors/minors only. Senior standing required. **Satisfies: HC Elective**

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**BI 311H  Genetics**

CRN: 55773  Section: 001  LEC  TTh 1200 - 1320  4 HC Credit(s)

AND

CRN: 56180  Section: 010  REC  W 1200 - 1250

Instructor(s): Michael 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**
CBEE 102H  Engineering Problem Solving and Computations  
CRN: 59414  Section: 001  LEC  MW 1500 - 1550  2 HC Credit(s)

AND choose one studio section

CRN: 59415  Section: 010  STD  TTh 800 - 950
CRN: 59416  Section: 011  STD  TTh 1000 - 1150

Instructor(s): Natasha Mallette & Adam Lambert
Elementary programming concepts implemented using MATLAB software; emphasis on problem analysis and development of algorithms in engineering; application experiences are established through a team-based design competition using the LEGO NXT microprocessor for data acquisition. Lecture is common with non-honors students. PREREQS: MTH 112 OR MTH 251/251H RESTRICTIONS: For Pre-Bioengineering, Pre-Environmental Engineering, Pre-Chemical Engineering, and Pre-General Engineering students only. 2 out of the 3 OSU credits earned count toward Honors College requirements. Satisfies: HC Elective

CH 463H  Experimental Chemistry II  
CRN: 51734  Section: 001  LEC  W 1300 - 1350  3 HC Credit(s)
AND
CRN: 51735  Section: 010  LAB  W 1400-1650 & F 1300-1650

Instructor(s): Christine Pastorek & Amila Liyanage
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 (CH 324 or CH 461/461H) and CH 442. CH 442 can be taken concurrently. Must contact Chemistry department to register. Course Fee: $44. Satisfies: HC Elective

CHE 333H  Transport Phenomena III
CRN: 54789  Section: 001  LEC  MW 1100 - 1150
AND
CRN: 54790  Section: 010  STD  TTh 1400 1450

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. PREREQS: CHE 331/331H or CHE 332/332H. RESTRICTIONS: Must be enrolled in pro-school in the College of Engineering. 1 out of the 3 OSU credits earned counts toward Honors College Requirements. Satisfies: HC Elective

DSGN 341H  Design Thinking and Process Innovation
CRN: 59578  Section: 001  LEC  TTh 800 - 950  4 HC Credit(s)

This course is shared with a section for COB Dean’s Academy students. HC students must register for this section.

Instructor(s): Brigitte Culver
Application of a qualitative, multi-method approach to gain insight into how the consumer experience can be improved within a given context. Application of design thinking principles to identify and develop solutions to improve consumer experience within a given context. RESTRICTIONS: For Apparel Design and Merchandising Management students only. Minimum of junior standing required. Satisfies: HC Elective
HC ELECTIVES

HC 409 Conversants
CRN: 51095   Section: 007   PRAC   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 reflections 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 in order to register for this course. Applications must be submitted online no later than the end of week 1. Graded: P/N Satisfies: HC Elective

HC 409 Civic Engagement
CRN: 54380   Section: 008   PRAC   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: https://sli.oregonstate.edu/cce. 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

MTH 231H Elements of Discrete Mathematics
CRN: 57464   Section: 001   LEC   MW 1000 - 1150   4 HC Credit(s)

Instructor(s): Filix Maisch
Elementary logic and set theory, functions, direct proof techniques, contradiction and contraposition, mathematical induction and recursion, elementary combinatorics, basic graph theory, minimal spanning trees. PREREQS: MTH 111. Sufficient test scores may waive MTH 111 PREREQ. Satisfies: HC Elective

MTH 254H Vector Calculus I
CRN: 51895   Section: 001   LEC   MW 1400 - 1550   4 HC Credit(s)

Instructor(s): Sara Clark

MTH 256H Applied Differential Equations
CRN: 52803   Section: 001   LEC   MW 1400 - 1550   4 HC Credit(s)

Instructor(s): Hoewoon Kim
First order linear and nonlinear equations, second order and higher order linear equations, Laplace transform, and applications appropriate for science and engineering. PREREQS: MTH 254/254H. Satisfies: HC Elective
**MTH 264H Introduction to Matrix Algebra**

CRN: 58296  Section: 001  LEC  MW 1200 - 1350  2 HC Credit(s)

Instructor(s): Dan Rockwell

Introduction to matrix algebra: systematic solution to systems of linear equations; linear transformations; eigenvalue problems. PREREQS: MTH 252/252H. Recommended Prereq: MTH 254/254H. **Satisfies: HC Elective**

**MTH 265H Introduction to Series**

CRN: 58298  Section: 001  LEC  MW 1200 - 1350  2 HC Credit(s)

Instructor(s): Dan Rockwell

Convergence and divergence of numerical series, including geometric series. Series of functions. Power series and their analytic properties. Taylor series expansions and Taylor polynomials. PREREQS: MTH 252/252H. **Satisfies: HC Elective**
HC 408  Thesis Stage 2: Explore & Build

CRN: 53206  Section: 001  HYB  W 1700 - 1750  1 HC Credit(s)
Meets weeks 2, 4, 6, 10 and online

Instructor(s): Kassena Hillman & Andy Karplus

HC 408: Stage 2 Explore & Build will guide you through the second stage of the Thesis Success in Stages (TheSIS) process. In this class you will explore the many resources at the HC and OSU to help you find a mentor and a project, build strategies for a successful thesis experience, learn the components of the thesis, and plan out your next steps. You will also hear from students and faculty with recent experience in the thesis process. You do not need to have a thesis idea to be in Stage 2. This course is a hybrid course that consists of weekly online assignments and one hour in-person class meetings weeks 2, 4, 6, & 10. This course will be team taught with an HC Academic Advisor and HC faculty. PREREQS: Completion of “Stage 1: Plan” workshop. Graded: P/N Satisfies: HC Thesis/Research/Projects

HC 408  Thesis Stage 3: Commit

CRN: 53915  Section: 002  WS  Th 1600 - 1750  1 HC Credit(s)
Week 3 and 7 only

Instructor(s): Rebekah Lancelin & Michael Burgett

This course will guide students through Stage 3 of the Thesis Success in Stages (TheSIS) process, Commit. 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, which is the end goal of the Commit stage and a required component of the TheSIS process in the Honors College. PREREQS: Prior completion of TheSIS Stages 1 & 2 as outlined at honors.oregonstate.edu/thesis. Graded: P/N Satisfies: HC Thesis/Research/Projects

HC 408  Thesis Stage 4: Compose & Complete

CRN: 54791  Section: 003  WS  F 1400 1550  1 HC Credit(s)
Weeks 2, 4, and 6 only

Instructor(s): Ben Mason

This course will guide students through the final stage of the Thesis Success in Stages (TheSIS) process, Compose & Complete. The goals of this stage 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 a significant amount of their research and be prepared to begin writing the thesis draft. The course is largely discussion based, with time for writing workshops built in; therefore, this course is relevant for students in all disciplines. PREREQS: Prior completion of TheSIS Stages 1, 2, & 3 as outlined at honors.oregonstate.edu/thesis. Graded: P/N Satisfies: HC Thesis/Research/Projects