

**BA 162H**                      ***Innovation Nation - Ideas to Reality***                      2 HC Credit(s)

*Register for REC section 019*

CRN: 57510                      Section 019                      REC                      F 0900 - 0950                      Sandra Neubaum

***AND choose one LEC section below:***

CRN: 57504                      Section 010                      LEC                      MW 1200 - 1250                      Marcella Flores

CRN: 57506                      Section 012                      LEC                      MW 1300 - 1350                      Marcella Flores

CRN: 57508                      Section 014                      LEC                      TTh 1200 - 1250                      Amy Neuman

CRN: 57770                      Section 016                      LEC                      TTh 1300 - 1350                      Amy Neuman

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. ***The section of BA 161H students take in Winter determines which section of BA 162H they will need in the Spring - instructors will help students match their winter and spring sections of the courses during class in Winter term.*** This course is shared with a section for COB Dean's Academy students. **Honors students should register for section 019 and choose either section 010, 012, 014, or 016.** 2 out of the 3 OSU credits earned will count toward Honors College requirements. No-show-drop: students who do not attend the class by the second class meeting will be removed from the course. PREREQS: BA 161/161H. RESTRICTIONS: For first-year, pre-business students only.

**Satisfies: HC Elective**

**BA 260H**                      ***Introduction to Entrepreneurship***                      4 HC Credit(s)

CRN: 57498                      Section 001                      LEC                      MW 1400 - 1550

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. This course is shared with a section for COB Dean's Academy students. **Honors students should register for section 001.** No-show-drop: students who do not attend the class by the second class meeting will be removed from the course. RESTRICTIONS: Pre-Business Majors/Minors only. Minimum of sophomore standing required. **Satisfies: HC Elective**

**BA 270H**                      ***Business Process Management***                      4 HC Credit(s)

CRN: 59025                      Section 001                      LEC                      TR 1400 - 1550

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. This course is shared with a section for COB Dean's Academy students. **Honors students should register for section 001.** No-show-drop: students who do not attend the class by the second class meeting will be removed from the course. PREREQS: BA 275/275H. RESTRICTIONS: Business majors/minors only. Minimum of sophomore standing required. **Satisfies: HC Elective**

**BA 354H**                      **Managing Ethics and Corporate Social Responsibility**                      4 HC Credit(s)

CRN: 57502                      Section 001                      LEC                      MW 1600 - 1750

Instructor(s): Betsy Rock

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. This course is shared with a section for COB Dean's Academy students. **Honors students should register for section 001.** No-show-drop: students who do not attend the class by the second class meeting will be removed from the 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**

**BA 466H**                      **Integrative Strategic Experience**                      4 HC Credit(s)

CRN: 59028                      Section 001                      LEC                      TR 1600 - 1750

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. This course is shared with a section for COB Dean's Academy students. **Honors students should register for section 001.** No-show-drop: students who do not attend the class by the second class meeting will be removed from the course. 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**

**BI 213H**                      **Principles of Biology**                      4 HC Credit(s)

CRN: 52701                      Section 001                      LEC                      MWF 1300 - 1350  
Group Midterms

**AND choose one LAB section**

CRN: 52702                      Section 010                      LAB                      W 1400 - 1650

CRN: 52891                      Section 020                      LAB                      Th 800 - 1050

CRN: 59030                      Section 030                      LAB                      F 1400 - 1650

Nathan Kirk

Nathan Kirk or  
Carmen Harjoe

Nathan Kirk or  
Carmen Harjoe

Nathan Kirk or  
Carmen Harjoe

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. **Course Fee: \$30.**

**Satisfies: HC BaccCore - Biological Sciences**

**BI 306H**                      **Environmental Ecology**                      3 HC Credit(s)

CRN:                      Section 001                      LEC                      TTh 830 - 950

Instructor(s): Kate Lajtha

This class will choose 4-5 specific topics in environmental science and analyze various sides in the environmental debate. Topics can include preserving and enhancing species diversity at the cost of development, CAFOs and livestock grazing vs. eating low on the food chain, using life cycle analysis to evaluate how "green" alternative energy is, acid rain, air pollution, controls on industrial emissions, and the evidence for and against human involvement in global climate change. Class time will be a mixture of lecture, debate, and reading. PREREQS: One year of college biology and chemistry. RESTRICTIONS: Minimum of sophomore standing required. **Satisfies: HC BaccCore - Contemporary Global Issues**



**CS 391H**                      ***Social and Ethical Issues in Computer Science***                      3 HC Credit(s)  
CRN: 59218                      Section 001                      LEC                      TTh 1600 - 1720  
Instructor(s): Carlos Jensen

In-depth exploration of the social, psychological, political, and ethical issues surrounding the computer industry and the evolving information society. RESTRICTIONS: Minimum of junior standing required. **Satisfies: HC BaccCore - Science, Technology, Society**

**DSGN 244H**                      ***Color Innovation***                      4 HC Credit(s)  
CRN: 59031                      Section 001                      LEC                      TTh 1000 - 1150  
Instructor(s): Guarang Desai

The aesthetics, meaning, and perception of color provide the foundational knowledge in this course. This course is shared with a section for COB Dean's Academy students. ***Honors students should register for section 001.*** No-show-drop: students who do not attend the class by the second class meeting will be removed from the course. RESTRICTIONS: For Pre-Merchandising Management, Pre-Interiors, and Pre-Design & Innovation Management students only. Minimum of sophomore standing required. **Satisfies: HC Elective**

**ED 407H**                      ***Sundown Towns in Oregon***                      2 HC Credit(s)  
CRN: 60066                      Section 001                      SEM                      W 1600 – 1750  
**Field trip to Philomath outside of class hours (date TBD).  
Alternative assignment will be available for students  
unable to attend the field trip.**

Instructor(s): Jean Moule

This course will provide an opportunity for participants to explore Oregon's racist past through the exploration of Sundown Towns – municipalities or neighborhoods that practiced racial segregation. Such an exploration will help students understand the underpinnings of our United States societal racism and of racial perspectives in Oregon. Students will participate in a directed research project that results in newly disseminated knowledge, and will choose whether the research is conducted with interviews, onsite search for records, or primary research in available documents. There will be a field trip to the Benton County Historical Society in Philomath. The goal is to facilitate authentic and relevant primary research and presentation. Professor Moule will work with students enrolled in the course to determine the best option for the date and time of the field trip to the Benton County Historical Society. An alternative assignment will be available for students unable to attend the field trip. **Course Fee: \$4. Satisfies: HC Colloquia**

**ENG 275H**                      ***The Bible as Literature***                      4 HC Credit(s)  
CRN: 57514                      Section 001                      LEC                      MWF 1100 - 1150  
Instructor(s): Chris Anderson

In this class we'll try to set aside everything else and look closely at the language and style of the four canonical gospels, Matthew, Mark, Luke, and John, as if we are reading any other story, the work of any other creative writer: the narrative arcs, the development of character, what the stories say and what they don't. I will ask you to do two informal in-class "Quick Writes," leading to a midterm and a final essay. There will also be frequent in-class freewriting. Our emphasis will be on ways of reading--on kinds of truth and methods of interpretation. **Satisfies: HC BaccCore - Literature and the Arts OR Western Culture**

**ENGR 299H**      ***Design Thinking in Teams***      2 HC Credit(s)

CRN: 59033      Section 001      SEM      F 1000 - 1150

Instructor(s): Belinda Batten

The objective of this course is to introduce the formal design process and to explore how team composition and dynamics affect the end product. Customer requirements and designing for diverse user populations will be explored. The concepts will be presented through lecture but will be developed through class discussion. The culminating activity will be a team design competition. Each student will be expected to keep a journal and reflect on topics discussed in class. In addition to the student's reflections, there will also be prompts provided in class to which each student will be expected to respond in their journal. **Satisfies: HC Colloquia**

**ENGR 299H**      ***Experiencing Engineering Research***      2 HC Credit(s)

CRN: 60072      Section 002      SEM      W 1400 - 1550

Instructor(s): Irem Tumer

This seminar is an opportunity to form relationships with research faculty and to develop research ideas for your Honors College thesis. College of Engineering researchers will present their research and encourage discussion with students. The primary learning outcomes of this course relate to the demonstration of knowledge about engineering research. Specifically, you will be able to identify current issues relevant to engineering research topics, describe a variety of research methodologies in engineering that are appropriate to a particular topic, and be able to design a research study in engineering. **Graded: P/N. Satisfies: HC Colloquia**

**ES 241H**      ***Introduction to Native American Studies***      4 HC Credit(s)

CRN: 60371      Section 001      LEC      TTh 1800 - 1950

Instructor(s): David Lewis

A survey of Native American cultures and history, both prior to and following contact with Europeans. Introduces the key contemporary issues and questions in the field of Native American studies. **Satisfies: HC BaccCore - Cultural Diversity**

**GEOG 340H**      ***Introduction to Water Science @ Policy***      3 HC Credit(s)

CRN: 56579      Section 001      LEC      TTh 1400 - 1520

Instructor(s): Aaron Wolf & Michael Campana

This course provides students with an introduction to hydrology—the science dealing with the 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 exercises and presentations, including mock negotiations on the future of the Columbia Basin. **Satisfies: HC BaccCore - Science/Technology/Society**

**HC 199*****Honors Writing***

3 HC Credit(s)

*Choose one section below*

CRN: 51204	Section 001	LEC	MW 800 - 920
CRN: 51940	Section 002	LEC	TTh 800 - 920
CRN: 53798	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. **HC 199 is not restricted by last name. Satisfies: HC BaccCore - Writing II**

**HC 299*****Farside Entomology***

2 HC Credit(s)

CRN: 59219	Section 001	SEM	Th 1400 - 1550
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Instructor(s): Michael Burgett

Farside Entomology is designed to introduce students 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. A formal classroom meeting will be held once a week for 1.5 hours. 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 a 10 to 12 minute oral presentation will be made by half of the teams. 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*****Building Hope: International Service Learning***

1 HC Credit(s)

CRN: 54698	Section 002	SEM	W 1600 - 1750
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**Meets weeks 1-5 only**

Instructor(s): Dave Kovac

This course series is designed to engage students in exploring the impact, perspectives, challenges, and complexities of international service work. In the fall, we focus on cultural contexts. Winter highlights group development and team building. In Spring, we examine individual, group, and community impact of service and volunteerism. The optional international service trip (10-14 days on an in-country project) applies concepts, ideas, and energies to the international community served. The international trip isn't part of this class, but is part of the program that this class supports. In the past, our projects have included work in Romania, Ethiopia, Vietnam, and Nepal. Meets weeks 1-5 only. **Satisfies: HC Colloquia**

**HC 407*****Shakespeare via Ashland***

1 HC Credit(s)

CRN: 51205

Section 001

SEM

**Pre-trip meeting: W 5/8/19 at 1700 – 1750  
3-day field trip: 5/31/19 - 6/2/19  
Post-trip meeting: W 6/5/19 at 1700-1750**

Instructor(s): Eric Hill

The course requires attendance at an organizational meeting 5/8/19, a three day field trip (5/31/19 - 6/2/19), and one discussion meeting (6/5/19). 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, May 31, 2019 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 June 2, 2018 at 10:00am (following breakfast). Course fee of \$278.00 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 by the continental breakfast). 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. Pre-trip meeting: W 5/8/19 at 1700-1750; 3-day field trip: Friday through Sunday 5/31/19-6/2/19; Post-trip meeting: W 6/5/19 at 1700-1750. Fee non-refundable if not dropped by the first day of the term. **Course Fee: \$278. Graded: P/N. Satisfies: HC Colloquia**

**HC 407*****STEM Outreach as Service Learning***

2 HC Credit(s)

CRN: 54334

Section 002

SEM

Th 1800 - 1950

Instructor(s): Skip Rochefort &amp; Margie Haak

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. Service Learning Opportunities include Discovery Days, Earth Day, Family Science and Engineering Nights, and school campus visits. **Satisfies: HC Colloquia**

**HC 407*****Wikipedia: Universally Shared, Edited by Whom?***

2 HC Credit(s)

CRN: 59035

Section 003

SEM

MW 1100 - 1150

Instructor(s): Laurie Bridges

We all use Wikipedia—it's the 5th most visited website in the world! But, who creates and edits Wikipedia? There are almost 300 separate (language) Wikipedias, yet, the Wikimedia Foundation has noted that Wikipedia suffers from the bias of its editors, the majority of whom are, "technically inclined, English-speaking, white-collar men living in majority-Christian, developed countries in the Northern hemisphere." In this class we will all become creators and editors in order to address gaps in knowledge in Wikipedia. We will discuss Wikipedia's place in society with a focus on knowledge creation and sharing. In class we will have discussions, activities, and work in small groups. Outside of class you work through online modules from wikiedu.org - the modules have been designed and used with thousands of students to deliver the "how to" of creating and editing in Wikipedia. Note: If you are bilingual or multilingual, there will be opportunities to translate Wikipedia articles. **Graded: P/N. Satisfies: HC Colloquia**



**HC 407**                      ***Comparative Planetology***                      2 HC Credit(s)

CRN: 54318                      Section 007                      SEM                      TTh 1000 - 1050

Instructor(s): Randall Milstein

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***                      2 HC Credit(s)

CRN: 54319                      Section 008                      SEM                      T 1200 - 1350

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**                      ***Lives and Stories: Explorations in Biography and Autobiography***                      2 HC Credit(s)

CRN: 57518                      Section 009                      SEM                      Th 1000 - 1150

Instructor(s): Thomas Bahde

This course examines the ways in which life writing, storytelling, and history are intertwined in the genres of biography and autobiography. At its core, the course asks whether authentic (auto)biography is possible and to what ends. To write about a life is to fix in time and space something that does not stand still – a difficult task, and yet one that seems necessary to understanding the human condition. We will consider themes that are essential to life writing, but also that move beyond that specific project: self-discovery/-knowledge/-awareness; empathy for both historical and contemporary individuals; and the extent to which we all make and remake personal narratives as we address ourselves to the ever-changing world and people around us. In addition to weekly readings and class discussions, students will produce a piece of life writing during the course – biographical, autobiographical, or some combination – as a way to explore one or more of these themes in a significant way. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***Technology and the Good Life***                      2 HC Credit(s)  
CRN: 55704                      Section 010                      SEM                      W 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***                      1 HC Credit(s)  
CRN: 56580                      Section 011                      SEM                      Th 1000 – 1150  
**Meets weeks 2, 4, 6, 8, & 10 only**  
**Class has multiple field trips during class meeting hours.**

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 will form the basis for discussion, to illustrate the deeper relationships of humans and human health to the living and physical environment. This class meets weeks 2, 4, 6, 8, and 10 only. **Course Fee: \$8. Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***From Zombies to Preppers: America's Apocalypse Addiction***                      2 HC Credit(s)  
CRN: 55705                      Section 012                      SEM                      Th 1200 - 1350  
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? This 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***                      2 HC Credit(s)

CRN: 55706                      Section 013                      SEM                      M 1600 - 1750

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 eight to ten 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***                      2 HC Credit(s)

CRN: 57519                      Section 014                      SEM                      W 1000 - 1150

Instructor(s): Don Johnson

The point of this seminar: "Leading with optimism." All of you are and will continue to be a leader in some aspect of your lives. My definition of leadership is "the creation of a solution, a solution to something." The solution could be as simple as directing a child on how to cross the street or facilitating a group in determining how to address hunger in third world countries. Solutions have a greater degree of success when created from an optimistic perspective. Positive Psychology and the PERMA Theory provide a working framework for creating solutions that are more likely to succeed over a period of time and be effective. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***Life - the Biosphere Through Space and Time***                      2 HC Credit(s)

CRN: 57520                      Section 015                      SEM                      W 1000 - 1150

Instructor(s): Stephen Atkinson

Life - What is it? Where does it come from? How do we classify it? You will gain an enhanced appreciation for the astonishing complexity of Earth's biosphere at its many spatial and temporal scales. We will cover aspects of biology, ecology, parasitology, geology, astronomy and how these filter into our everyday human lives through the news media, science fiction and other genres. This colloquium series should satisfy anyone who is curious about the living world in and around them, and wants to experience a synthesis of academic and artistic learning. Students with non-science/biology/art backgrounds are most welcome! We will meet face-to-face for a single, one hour fifty minute session each week. A typical class will involve a seminar on the weekly topic, student presentations, group discussions, and a hands-on art-centric activity. Assessment will be through online quizzes and creative assignments that include: short oral presentations, basic art creations using different media, and note-taking in your class journal. There will be no mid- or final- exams, but participants will have to submit their class journal and art pieces for grading. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407*****Sex and Gender in the Archives***

2 HC Credit(s)

CRN: 57522

Section 017

SEM

W 1000 - 1150

**Field trip to Portland (date TBD). Alternative assignment for students unable to make the field trip.**

Instructor(s): Bradley Boovy

In this colloquium you will conduct original archival research on topics related to gender and sexuality, aspects of people's life experience that are often hidden from plain view in historical records. You will learn how to identify, obtain, and review primary sources, and formulate an original research question based on your research. You will also learn how to apply these skills in your field of study. We will make several visits to OSU Special Collections and Archives Research Center (SCARC) for hands-on experience working in archives, and will also go on an excursion to the Oregon Historical Society in Portland. (Students who are not able to make the excursion will be given an alternative assignment.) Finally, we will work together to create and curate an exhibit in the Valley Library based on your archival research. **Course Fee: \$9. Graded: P/N. Satisfies: HC Colloquia**

**HC 407*****Toy-Based Technology for Children with Disabilities***

2 HC Credit(s)

CRN: 56581

Section 018

SEM

T 1400 - 1550

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*****Information Privilege, Open Access, and Social Justice***

2 HC Credit(s)

CRN: 59037

Section 019

SEM

MW 1300 - 1350

Instructor(s): Stefanie Buck

"Information privilege" is the gap between those who can and cannot access information, and therefore contribute to the scholarly conversation. Students are unlikely to encounter discussions of "information privilege" in other classes but they are all impacted by it and it is discipline agnostic. Starting with the rising costs of textbooks and other course materials, we will explore what creates the financial, legal, and social barriers that prevent access to essential educational and research materials. We will discuss the history and philosophy behind the Open Access (OA) movement, the belief that educational and scholarly 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 and Creative Commons licensing. Course projects and activities will include conducting faculty and student interviews, creating OA marketing tools, and reflections on reading and discussions and, for the final project, creating a guide to help faculty select open access resources for their courses. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***John Steinbeck's Pacific***                      1 HC Credit(s)

CRN: 57772                      Section 020                      SEM                      T 1400 - 1450

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. **Satisfies: HC Colloquia**

**HC 407**                      ***Imaging the American West***                      2 HC Credit(s)

CRN: 59039                      Section 021                      SEM                      M 1000 - 1150

Instructor(s): John Campbell

The American West is formative in American culture. The Western landscape has been imaged 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, representative of American myths, fears, and ideals. In this course, we will explore images of the West—paintings, photographs, and Western films—and their deep implications. We will also create and present original images in order to experience the process and power of visual depiction. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***Online Newsroom***                      2 HC Credit(s)

CRN: 59041                      Section 022                      SEM                      MW 1100 - 1150

Instructor(s): Thomas Strini

Students in the Online Newsroom colloquium will learn to write, edit, publish and distribute feature stories at The Corvallis Review ([www.corvallisreview.com](http://www.corvallisreview.com)), which has attracted over 140,000 page views. They will learn interview and research techniques, become proficient at online publishing on a common platform, learn to edit photos and videos, and will learn to write in clear, efficient, journalistic style. They will also learn basic Search Engine Optimization techniques, including those related to keywords and meta data, and learn to leverage social media in order to build readership. They will also learn how these skills transfer to business communication and marketing. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***Soundscaping***                      2 HC Credit(s)

CRN: 59040                      Section 023                      SEM                      MW 1300 - 1350

Instructor(s): Thomas Strini

Sharpen your musical listening skills, deepen your understanding of music of all sorts, and have fun composing music and performing works your classmates compose. No musical prior musical training required. Devise graphical notations to create "maps" by way of analyzing and presenting an assigned piece of music and then a piece -- from any genre -- of your own choosing. Then use those same graphic skills to compose two pieces of your own. (See some examples posted at [corvallisreview.blogspot.com](http://corvallisreview.blogspot.com).) Your classmates will form your orchestra. They will play on the instructor's collection of junk instruments and noisemakers and on any sound-creating devices the composer cares to bring in. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***Climate Change and Its Challenges: Responding with Resilience in Community***                      2 HC Credit(s)

CRN: 59042                      Section 024                      SEM                      Th 800 - 950

**Field trip during class hours. Alternative assignment for students unable to attend the field trip.**

Instructor(s): Ken Winograd

How much do you think about climate change? Are you curious and/or concerned? If you would like to examine the perils and opportunities of climate change for you personally, this class offers an opportunity to reflect and learn about what scientists and theologians say is the greatest challenge for humankind, ever. Your personal response to climate change will be the point of departure in learning the ways that people, groups and societies are coping, adapting and even thriving with the challenges ahead. A portion of the class consists of a workshop developed by author and activist Joanna Macy, an interactive group process that 'equips us to with tools to face the mess we're in and play our role in the collective transition...to a life-sustaining society.' You will be challenged to rethink your role as citizen 'in community' in a world reshaped by the changing climate. Other related topics we will address include environmental justice, peace literacy, the nature-human relationship, and social activism. Learning activities will include readings, discussion, a field trip, readings, and group reflections. **Course Fee: \$4. Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      ***Science, Ethics and Star Trek***                      1 HC Credit(s)

CRN: 59043                      Section 025                      SEM                      T 1000 - 1050

Instructor(s): Diana Rohlman

"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. To this day, 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. **Satisfies: HC Colloquia**

**HC 407**                      ***Advancing Our Knowledge of Earth and Beyond: Satellite Missions***                      2 HC Credit(s)

CRN: 59044                      Section 026                      SEM                      Th 1200 - 1350

Instructor(s): Nancy Squires

This course will be an exploration of some of the most exciting space missions, both past and present. Satellites are used to study space and earth science, provide important communication links around the world and give us a glimpse of distance planets, moons and asteroids in our solar system and beyond. The course will also include an overview of satellite orbits, fundamentals of the rocket science used to launch satellites to the correct orbit, an overview of satellite power systems and how they communicate data back to earth. Current industry and research practices of satellite mission design will be explored. An optional viewing of a prominent satellite's fly-by is planned. **Satisfies: HC Colloquia**

**HC 407*****The Evolving Role of Alcoholic Drinks in Society***

1 HC Credit(s)

CRN: 59034

Section 027

SEM

SU 900 – 1550

**This class is a weekend symposium that meets only on Saturday and Sunday 3/30/19 & 3/31/19.**

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. This class is a weekend symposium that meets only on Saturday and Sunday 3/30/19 & 3/31/19. **There will be a field trip to local beer and spirit producers. Students do not need to be 21 in order to take this class. Course Fee: \$4. Graded: P/N. Satisfies: HC Colloquia**

**HC 407*****Competing for the Center of the Universe: The Trial of Galileo Re-Enacted***

2 HC Credit(s)

CRN: 59038

Section 028

SEM

MF 1100 - 1150

Instructor(s): Peter Kelly

It is the year 1633, Galileo Galilei stands trial before the Roman Inquisition, charged with committing heresy for advocating the Copernican belief that the sun rather than the earth lies at the center of the universe. It is up to you to decide the outcome. Should Galileo’s books be banned? Should he be placed under arrest, or even worse? This course uses curriculum developed by Reacting to the Past (<https://reacting.barnard.edu/>), which consists of elaborate games, set in the past, in which students are assigned roles informed by classic texts in the history of ideas. In the first part of this course you will be introduced to the competing world views in the early modern period, before examining the political and religious backdrop to the trial of Galileo. You will then re-enact the trial using the Reacting to the Past game ‘The Trial of Galileo’, with the ability to revise its outcome. This role playing game seeks to draw students into the past, promote engagement with big ideas, and improve intellectual, academic and rhetorical skills. You will be faced with negotiating a politically and religiously sensitive environment, not unlike the one we live in today. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407*****Gender, Power and the Politics of Truth***

2 HC Credit(s)

CRN: 59220

Section 029

SEM

Th 1400 - 1550

Instructor(s): Brian Fuller

How are our beliefs related to our identities and backgrounds? How can we make a difference in a society in which the powerful seem to set the boundaries of knowledge and truth? And how can we ethically practice social criticism when it seems that everything is relative, that everyone is entitled to their own opinion? In this colloquium we’ll explore these questions and more by engaging with some of the most important contemporary authors from the fields of philosophy, gender studies, sociology and political science. We’ll build up a foundation of key concepts which will help us understand how dynamics of power, knowledge, identity and truth operate in our social worlds, and thereby provide us resources for building towards positive social change. For anyone who’s interested in how to connect their interest in social justice with academic learning and discussion, as well as those who would like to develop their critical reading, interpretation and communication skills in a collaborative and supportive environment. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      **Iconography: Myth Making and the Classical Tradition  
in Western Art**                      2 HC Credit(s)

CRN: 60067                      Section 030                      SEM                      MF 1000 - 1050

Instructor(s): Peter Kelly

How does visual art differ from literature? What makes a myth and can we trace its origin? In this course you will be introduced to one of the most influential works from ancient literature, the *Metamorphoses* by the Roman poet Ovid and its reception in visual art. The world of the *Metamorphoses* is one of flux and transgression, where humans continually transform into animals, plants, and various features of the natural landscape. We will look at how the *Metamorphoses* blurs the distinction between literary and visual art and the challenge this presents to later artists attempting to recreate these myths using visual media. You will devise a specialized project focusing on the creation and recreation of a myth from the *Metamorphoses* in any artist or artists of your choosing, while exploring innovative ways of visually conveying and displaying your research. No previous knowledge of ancient literature or art history is required. **Satisfies: HC Colloquia**

**HC 407**                      **Explanations that Transform the World**                      1 HC Credit(s)

CRN: 60068                      Section 031                      SEM                      T 1700 - 1750

Instructor(s): Roy Haggerty

In this colloquium we will read, discuss, and critique physicist David Deutsch's *The Beginning of Infinity: Explanations that Transform the World*. Deutsch posits that all progress has resulted from a single human activity: the search for good explanations. Deutsch's deep and wide-ranging book delves into the philosophy of science, quantum computing, evolution, history, the multiverse hypothesis, sustainability, art, and the origin of creativity. The only required book is Deutsch's. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**                      **A Recovery Plan for a Sick Society**                      2 HC Credit(s)

CRN: 60069                      Section 032                      SEM                      W 1400 - 1550

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**                      **Imaging the Universe**                      1 HC Credit(s)

CRN: 60091                      Section 033                      SEM                      T 1100 - 1150

Instructor(s): Tom Carrico

The universe is far more than what our eyes can see. Students will start expanding their view by learning the basics of astrophotography. Using their own cameras of any type, students will go outside and image the night sky. You 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 with a wide range of telescopes, and connect to and image through a telescope on a remote mountain in New Mexico. By the end of the course, the full spectrum of the universe will be revealed. **Graded: P/N. Satisfies: HC Colloquia**





**MTH 231H**                      ***Elements of Discrete Mathematics***                      4 HC Credit(s)

CRN: 59048                      Section 001                      LEC                      MWF 1000 - 1050

**AND**

CRN: 59049                      Section 010                      REC                      F 1100 - 1150

Instructor(s): Torrey Johnson

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 112. Sufficient test scores may waive the MTH 112 prereq. **Satisfies: HC Elective**

**MTH 254H**                      ***Vector Calculus I***                      4 HC Credit(s)

CRN: 52051                      Section 001                      LEC                      MW 1000 - 1050 & F 1000-1150

Instructor(s): Filix Maisch

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. Satisfies: HC Elective**

**MTH 256H**                      ***Applied Differential Equations***                      4 HC Credit(s)

CRN: 53038                      Section 001                      LEC                      MWF 1300 - 1350

**AND**

CRN: 55344                      Section 010                      REC                      F 1200 - 1250

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***                      2 HC Credit(s)

CRN: 60074                      Section 001                      LEC                      MWF 1400 – 1450  
**Meets weeks 1-5 only**

**AND**

CRN: 60075                      Section 010                      REC                      W 1500 – 1550  
**Meets weeks 1-5 only**

Instructor(s): Hoewoon Kim

Introduction to matrix algebra: systematic solution to systems of linear equations; linear transformations; eigenvalue problems. Meets weeks 1-5 only. PREREQS: MTH 252/252H. **Satisfies: HC Elective**





**PH 221H**                      ***Recitation for Physics 211***                      1 HC Credit(s)

*Choose one REC section*

CRN: 51884	Section 001	REC	Th 1100 - 1150	Liz Gire
CRN: 57524	Section 002	REC	T 1400 - 1450	David McIntyre
CRN: 59662	Section 003	REC	M 1500 - 1550	Bo Sun

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. **Graded: P/N. Satisfies: HC BaccCore - Physical Sciences**

**PH 223H**                      ***Recitation for Physics 213***                      1 HC Credit(s)

CRN: 52704	Section 001	SEM	T 1100 - 1150
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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. Coreq: PH 213. **Graded: P/N. Satisfies: HC BaccCore - Physical Sciences**

**PH 407H**                      ***The Physics and Philosophy of Time***                      1 HC Credit(s)

CRN: 55346	Section 001	SEM	F 1400 - 1450
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Instructor(s): Albert Stetz

Did you know that with a good time machine you could be simultaneously your own father, mother, and daughter? Does that appeal to you? On the other hand, Saint Augustine claimed that time was an illusion. Past, present, and future are all present in the mind of God. Special relativity seems to bear this out. So what happened to free will? But with a simple quantum measurement you can change the past. So what comes first, the effect or its cause? We'll discuss these and related questions in this class. **Satisfies: HC Colloquia**

**PHL/REL 444H**                      ***Biomedical Ethics***                      4 HC Credit(s)

*Choose either the PHL 444H section OR the REL 444H section*

PHL 444H	CRN: 59052	Section 001	LEC	MW 1400 - 1550
REL 444H	CRN: 59053	Section 001	LEC	MW 1400 - 1550

Instructor(s): Jonathan Kaplan

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. Crosslisted with REL 444H **Satisfies: HC BaccCore - Science, Technology, Society**

**PS 375H****Civil Rights Movement and Policies**

4 HC Credit(s)

CRN: 59051      Section 001      LEC      MW 1400 - 1550

Instructor(s): Doug Clark

This course examines the US civil rights movement and its impact on the resulting public policies circa: 1945-1970. We're particularly interested in the strategies and tactics that produced the dramatic public policy victories designed to overcome inequalities in education, public facilities, voting, and housing. Just as significant are the strategies and tactics employed in the counterattack that frustrated the implementation and enforcement of civil rights principles and ended what had been optimistically seen as a Second Reconstruction. Within the context of this movement and public policy history, we are interested in where we are today? Do the current battles from the streets to the courts over racial inequality, mass incarceration, police violence, voter suppression, school failure, and economic inequality indicate a new civil rights agenda seventy-five years later? Does the current activism in the form of groups such as Black Lives Matter, Equality Federation, Lawyers for Equality, Dream Defenders, BYP100, Hands-Up United, and Million Hoodies Movement for Justice, represent a new, different civil rights moment? What do the lessons of public policy success and failure teach us about the possibilities? **Satisfies: HC BaccCore - Difference, Power, and Discrimination**

**REL/PHL 444H      Biomedical Ethics**

4 HC Credit(s)

*Choose either the REL 444H section OR the PHL 444H section*

REL 444H      CRN: 59053      Section 001      LEC      MW 1400 - 1550

PHL 444H      CRN: 59052      Section 001      LEC      MW 1400 - 1550

Instructor(s): Jonathan Kaplan

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. Crosslisted with PHL 444H  
**Satisfies: HC BaccCore - Science, Technology, Society**

**SOC 444H****Crime, Communities, Prisons, and Prevention: ENACT  
Prison Exchange Program**

4 HC Credit(s)

CRN: 59068      Section 001      SEM      T 1700 - 2050

**Class takes weekly trips to Salem or Woodburn during class meeting hours.**

Instructor(s): Michelle Inderbitzin

SOC 444H – Crime, Communities, Prisons, and Prevention – in Spring 2019 will be the first ENACT course in Oregon. In this unique course, students will learn alongside individuals incarcerated in a maximum-security prison. OSU Honors College students and prisoners will work together doing policy research around criminal justice issues; they will then advocate with community organizations, administrators, and state legislators to work towards social change. The course will meet on Wednesday nights in Salem within the Oregon State Penitentiary. It will require additional, but flexible, meetings in Salem to visit legislators in the state capitol. It will be a hands-on learning experience, and grades will be based on active participation and projects related to current policy issues. All majors and grade levels are welcome. Given that the course will take place within a maximum-security prison, **students will need to meet with Professor Inderbitzin and pass a criminal background check before they are able to enroll. Questions or interest: please contact Professor Inderbitzin: [mli@oregonstate.edu](mailto:mli@oregonstate.edu)**. For more information about ENACT, The Educational Network for Active Civic Transformation, see here: <https://www.brandeis.edu/ethics/ENACT/index.html>. **Course Fee: \$66. Satisfies: HC Elective**

**WGSS 223H**      ***Introduction to Women, Gender, and Sexuality Studies***      3 HC Credit(s)

CRN: 60070      Section 001      LEC      TTh 1200 - 1320

Instructor(s): Liddy Detar

A creative and critical introduction to feminism and social justice, this course invites you to participate in our culture's contemporary conversations about power, privilege and oppression. Readings, assignments and social media materials will engage issues of gender, race, class, age, sexual orientation, size, ability. **Satisfies: HC BaccCore - Difference, Power, and Discrimination OR Social Processes and Institutions**

**WGSS 340H**      ***Gender and Science***      3 HC Credit(s)

CRN: 60071      Section 001      LEC      TTh 1600 - 1720

Instructor(s): Kryn Freehling-Burton

Analyzes the relationship 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 BaccCore - Science, Technology, Society**