

# HC Corvallis Campus Winter 2023 Offerings

HC students can earn HC credits beyond the offerings listed in this schedule:

**Ecampus honors sections:** Corvallis campus honors students are also able to register for Ecampus honors sections. To see the Ecampus honors course & colloquium offerings, view the HC Ecampus schedule and course descriptions at <https://honors.oregonstate.edu/class-schedule>.

**Tuition rates for Ecampus courses are different than on-campus courses and can be found at <https://ecampus.oregonstate.edu/services/tuition/>.**

Other important information:

**Add/Drop Deadlines:** Add/Drop deadlines for courses that take place in pre-term extension periods, weeks 1-5, or weeks 6-10 are different from the add/drop deadlines for courses that take place over the entire term. See the academic calendars for more information about the add/drop deadlines:

- Add/Drop Deadlines for regular courses that take place over the entire term: <https://registrar.oregonstate.edu/osu-academic-calendar/>
- Add/Drop Deadlines for “Non-traditional courses,” like courses that take place in the pre-term extension period, weeks 1-5, or weeks 6-10: <https://registrar.oregonstate.edu/non-traditional-course-academic-calendar>

## Winter 2023 Corvallis HC Bacc Core

### **ANTH 315H**    *Peoples of the World: Africa*    3 HC Credit(s)

CRN: 40189    Section 001    LEC    MWF 1100 - 1150

Instructor(s): Julianne Freeman

Survey of peoples around the world. Early settlement, cultural history, ecological adaptations, population, family and gender roles, religious ideology, political and economic systems, modern social changes, and contemporary issues pertaining to indigenous peoples in culturally distinct regions of the world. Emphasis is placed on dispelling stereotypic images, both past and present. **Satisfies: HC BaccCore - Cultural Diversity**

### **ANTH 361H**    *Food Justice*    4 HC Credit(s)

CRN: 40190    Section 001    LEC    TR 1200 - 1350

Instructor(s): Sarah Cunningham

Contemporary food systems are examined from a cultural and social justice perspective. The human right to food as recognized by the United Nations serves as the justice grounding point. Impediments to realizing the right to food will be examined in national and international contexts. **Satisfies: HC BaccCore - Difference, Power, Discrimination**

### **BI 222H**    *Principles of Biology: Organisms*    4 HC Credit(s)

Register for the LEC and one LAB section:

CRN: 37112    Section 001    LEC    MWF 1300 - 1350    Nate Kirk

Choose *one* LAB section:

CRN: 37113    Section 010    LAB    W 1400 - 1650    Carmen Harjoe

CRN: 37114    Section 011    LAB    R 800 - 1050    Carmen Harjoe

CRN: 37115    Section 012    LAB    F 1400 - 1650    Carmen Harjoe

Introduction to fundamental biological concepts and theories about plant, and animal physiology, evolution, structure and function, transformation of energy and matter and systems at an organismal level. PREREQS: (BI 221 or 221H) and ((CH 121\* or 201\*) or ((CH 231\* or 231H\*) and (CH 261\*, 261H\* or 271\*))). \* May be taken concurrently. **Course Fee \$30. Satisfies: HC BaccCore - Biological Sciences**

### **BOT 101H**    *Botany: A Human Concern*    4 HC Credit(s)

Register for the LEC and the LAB:

CRN: 40667    Section 001    LEC    MWF 1600 - 1650

CRN: 40668    Section 010    LAB    T 1500 - 1750

Instructor(s): Stephen Meyers

Introductory botany for non-majors, emphasizing the role of plants in the environment, agriculture and society. Includes molecular approaches to the study of plant function and genetic engineering. **Course Fee: \$15. Satisfies: HC BaccCore - Biological Sciences**

**CH 232H      General Chemistry** 4 HC Credit(s)

Register for the LEC, one REC, and one CH 262H LAB

CRN: 32975      Section 001      LEC      **MWF 1200 - 1250**      Margaret HaakChoose *one* REC sectionCRN: 33062      Section 010      REC      **T 1400 - 1450**      Margaret HaakCRN: 33063      Section 011      REC      **R 1100 - 1150**      Margaret HaakChoose *one* CH 262H LAB section**CH 262H      Laboratory for Chemistry 232H** 1 HC Credit(s)CRN: 32976      Section 010      LAB      **T 1500 - 1750**      Michael BurandCRN: 32977      Section 011      LAB      **R 1200 - 1450**      Michael Burand

Second course in General Chemistry sequence for Honors College students with one-year high school chemistry and acceptable aptitude test scores. This sequence examines the characteristics of molecular and atomic behavior and the way in which these influence chemical properties and reactions. PREREQ: (CH 231/231H OR CH 221) AND (CH 261/261H OR CH 271 OR CH 221 OR CH 224H). COREQ: CH 262/262H or CH272. CH 232H and CH 262H must be taken concurrently. CH 231/231H, CH 232/232H, and CH 233/233H must be taken in order. **Course Fee \$30. Course fee is non-refundable.**

**Additional Supplies:** <https://beav.es/iAk> . **Satisfies: HC BaccCore - Physical Sciences**

**COMM 111H      Public Speaking** 3 HC Credit(s)CRN: 40438      Section 001      LEC      **MWF 1100 - 1150**

Instructor(s): James Roberts

Public communication as it relates to informative and persuasive discourse. The theory and practice of public speaking in informative and persuasive contexts. **Satisfies: HC BaccCore - Speech**

**COMM 218H      Interpersonal Communication** 3 HC Credit(s)CRN: 40191      Section 001      LEC      **MWF 900 - 950**

Instructor(s): Erin Cook

Introduction to dyadic and relational communication. Overview of current research in such areas as verbal and nonverbal messages, self-concept and perception, culture and gender stereotypes and styles, relational development and dissolution, deception, compliance gaining and conflict management. **Satisfies: HC BaccCore - Speech**

**CS 391H      Social and Ethical Issues in Computer Science** 3 HC Credit(s)CRN: 40661      Section 001      LEC      **MWF 1200 - 1250**

Instructor(s): Weng-Keen Wong

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**

**ED 219H**      ***Social Justice, Civil Rights, and Multiculturalism in Education***      3 HC Credit(s)

CRN: 40214      Section 001      LEC      WF 1200 - 1320

Instructor(s): Kathryn McIntosh

Examination of equity and injustice based on social groupings such as race, gender, language, and ability. Exploration of equitable approaches and power in systems and institutions of society (e.g., schooling, curriculum, educational policy) and how to actively make change. Contemplation of multiculturalism and personal experiences through a wholeness approach. **Satisfies: HC BaccCore - Difference, Power, Discrimination**

**HC 199**      ***Honors Writing***      3 HC Credit(s)

CRN: 31870      Section 001      LEC      MWF 1000 - 1050

Instructor(s): Emily Elbom

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. PREREQ: WR 121/121H. **Satisfies: HC BaccCore - Writing II**

**HSTS 417H**      ***History of Medicine***      4 HC Credit(s)

CRN: 36207      Section 001      LEC      TR 1000 - 1150

Instructor(s): Linda Richards

History of medical theory and the changing role of the physician; internal development of medicine as a discipline as well as a profession; relationship of medicine's development to general changes in science and culture. **Satisfies: HC BaccCore - Science, Technology, Society**

**MTH 241H**      ***Calculus for Management and Social Science***      4 HC Credit(s)

CRN: 40559      Section 001      LEC      MW 1000 - 1150

Instructor(s): Peter Argyres

Elementary differential calculus of polynomial, logarithmic, and exponential functions and their applications to business, management and social sciences. PREREQ: MTH 111, minimum score of 24 in 'Math Placement Test' or minimum score of 060 in 'Math Placement - ALEKS'. **Satisfies: HC BaccCore - Mathematics**

**MUS 102H      *History of Rock & Roll*      3 HC Credit(s)**

CRN: 40208      Section 001      LEC      MWF 1200 - 1250

Instructor(s): Ryan Biesack

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

**PH 213H      *General Physics with Calculus*      4 HC Credit(s)**

Register for the LEC and STU, and one LAB.

CRN: 36422      Section 001      LEC      MF 1300 - 1350

CRN: 40220      Section 002      STU      W 1200 - 1350

Choose *one* LAB section

CRN: 36459      Section 010      LAB      T 800 - 950

CRN: 36423      Section 020      LAB      T 1600 - 1750

Instructor(s): Weihong Qiu

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. PREREQS: MTH 254/254H and PH 212/212H. **Satisfies: HC BaccCore - Physical Sciences**

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

CRN: 32079      Section 001      REC      R 1100 - 1150

Instructor(s): Staff TBD

Honors recitation reserved for HC students enrolled in lecture/lab section of PH 213 or PH 213H. One-hour weekly session for the development of problem-solving skills in calculus-based general physics. COREQS: PH 213/213H.

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

**PH 313H Energy Alternatives**

3 HC Credit(s)

CRN: 35408      Section 001      LEC      MWF 900 - 950

Instructor(s): Randall Milstein

Students will learn to define energy and power, and to list the basic forms of energy, from the viewpoint of physics, and classify energy based on the way power is generated (renewable and non-renewable energy sources) such as hydropower, wind power, geothermal power, solar power, ocean wave power, nuclear power. Students will understand the main types of hydropower plants, and calculate the power wind carries, and know the efficiency and advantage/disadvantages of several types of wind turbines. Students will understand the two major techniques of converting solar power to electric power (concentrated solar power plants and photovoltaic panels); about geothermal resources and how Earth's heat is harnessed for generating power; about ocean wave power converted to electricity; about electric cars, high-capacity batteries, fuel cells, and the infrastructure needed to make electric vehicles competitive to gasoline powered transportation; about biofuels and converting biomass into gasoline-like and diesel-like products; about sending electric power over long distances. Students will know the global distribution of major fossil fuels, and the approximate time before these non-renewable resources run out. **Satisfies: HC BaccCore - Science, Technology, Society**

**PHL/REL 443H World Views and Environmental Values**

3 HC Credit(s)

Register for either the PHL 443H section OR the REL 443H section, not both.

Though there are two options for CRNs to use, this is **one** class that meets together.**PHL 443H CRN: 40209      Section 001      LEC      MW 830 - 950****REL 443H CRN: 40221      Section 001      LEC      MW 830 - 950**

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 also interviews and short films. Recommended Prereqs: One introductory-level science course and sophomore standing is recommended, but not required. **Satisfies: HC BaccCore - Contemporary Global Issues**

**PHL/REL 444H Biomedical Ethics**

4 HC Credit(s)

Register for either the PHL 444H section OR the REL 444H section, not both.

Though there are two options for CRNs to use, this is **one** class that meets together.

**PHL 444H CRN:** 40210    **Section** 001    LEC    **TR 1000 - 1150**

**REL 444H CRN:** 40222    **Section** 001    LEC    **TR 1000 - 1150**

Instructor(s): Courtney Campbell

Application of ethical principles and decision-making processes to selected problems in medicine, health care, and biotechnology. Special attention is 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 decisions in medicine. **Satisfies: HC BaccCore - Science, Technology, Society**

**PSY 202H General Psychology**

4 HC Credit(s)

**CRN:** 37133    **Section** 001    LEC    **TR 1400 - 1550**

Instructor(s): Juan Hu

Scientific study of behavior and experience. Motivation and emotion; personality; social psychology, human development, psychopathology and psychotherapy. **Satisfies: HC BaccCore - Social Processes & Institutions**

**REL/PHL 443H World Views and Environmental Values**

3 HC Credit(s)

Register for either the PHL 443H section OR the REL 443H section, not both.

Though there are two options for CRNs to use, this is **one** class that meets together.

**REL 443H CRN:** 40221    **Section** 001    LEC    **MW 830 - 950**

**PHL 443H CRN:** 40209    **Section** 001    LEC    **MW 830 - 950**

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 also interviews and short films. Recommended Prereqs: One introductory-level science course and sophomore standing is recommended, but not required. **Satisfies: HC BaccCore - Contemporary Global Issues**

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**REL 444H CRN:** 40222 **Section** 001 LEC **TR 1000 - 1150**

**PHL 444H CRN:** 40210 **Section** 001 LEC **TR 1000 - 1150**

Instructor(s): Courtney Campbell

Application of ethical principles and decision-making processes to selected problems in medicine, health care, and biotechnology. Special attention is 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 decisions in medicine. **Satisfies: HC BaccCore - Science, Technology, Society**

**WGSS 325H Disney: Gender, Race, and Empire** 3 HC Credit(s)

**CRN:** 40211 **Section** 001 LEC **TR 1400 - 1520**

Instructor(s): Kryn Freehling-Burton

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

**WGSS 360H Men and Masculinities in a Global Context** 3 HC Credit(s)

**CRN:** 40439 **Section** 001 LEC **TR 1600 - 1720**

Instructor(s): Bradley Boovy

Students will become familiar with central topics in global masculinity studies, analyze texts in diverse media, develop original arguments, and engage with issues of masculinity and representation through written and creative work. **Satisfies: HC BaccCore - Contemporary Global Issues**

**WR 121H English Composition** 3 HC Credit(s)

**CRN:** 36211 **Section** 001 LEC **TR 1200 - 1350**

Instructor(s): Brandy St. John

Introduction to critical thinking, the writing process, and the forms of expository writing. Intensive writing practice, with an emphasis on revision. **WR 121H is NOT restricted by last name, so students can take this class in any term in which it is offered.** **Satisfies: HC BaccCore - Writing I**

**WR 222H English Composition** 3 HC Credit(s)

**CRN:** 40904 **Section** 001 LEC **TR 1200 - 1350**

Instructor(s): JT Bushnell

Continued practice in expository writing with an emphasis on argumentation and research. PREREQS: WR 121/121H. **Satisfies: HC BaccCore - Writing I**

**WR 327H**      **Technical Writing**

3 HC Credit(s)

CRN: 40213      Section 001      LEC      TR 1400 - 1520

Instructor(s): Brandy St. John

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. **Satisfies: HC BaccCore - Writing II**

**WR 362H**      **Science Writing**

3 HC Credit(s)

CRN: 38936      Section 001      LEC      TR 1000 - 1120

Instructor(s): Sarah Perrault

Students learn and practice the conventions for writing scientific material for a variety of audiences. Involves writing and research assignments, multimedia presentations, lecture, and in-class and online activities. PREREQS: WR 121/121H. **Satisfies: HC BaccCore - Writing II**

## Winter 2023 Corvallis HC Colloquia

### **HC 299**      **Leadership: Two Perspectives**      1 HC Credit(s)

CRN: 38996      Section 001      SEM      M 1600 - 1750  
Meets weeks 1-5 only.

Instructor(s): Toni Doolen & Scott Ashford

Today's organizations are complex, utilizing structures that cross cultural, national, and functional boundaries. Leaders in organizations must be able to navigate these complex structures, while understanding that that organizations are comprised of individuals. Students in this course will examine different aspects of leadership and explore multiple perspectives on what creates/constitutes an effective leader. As in past offerings, this course will specifically address leading in crisis. Students will be provided multiple opportunities to reflect on how to develop and grow their own leadership capacity. This course will be co-taught by Dr. Ashford, Dean of the College of Engineering and Dr. Doolen, Dean of the Honors College. **Meets weeks 1-5 only. Graded: P/N. Satisfies: HC Colloquia**

### **HC 299**      **Expanding Sustainable Design for Society into K-12 Schools**      1 HC Credit(s)

CRN: 40192      Section 002      SEM      T 1600 - 1650  
**Multiple optional field trip visits to schools and programs will be planned for some weekday afternoons. Participating is encouraged if schedule allows, but not required.**

Instructor(s): Cory Buxton

This colloquium will bridge two new projects at OSU: the interdisciplinary "Engineering and Design for Society (EDS)" initiative and the National Science Foundation funded "Language, Culture and Knowledge-building through Science (LaCuKnoS)" project. Students will get an overview of current ideas about sustainable design and using design thinking to solve social problems. Students will then work in small groups to develop an activity that teaching about sustainable design aimed at either middle school or high school students. This involves working directly with K-12 students in afterschool clubs and with families during family STEM workshops. This colloquium will teach skills in communicating and disseminating ideas about sustainability and design with broader community audiences who may be unfamiliar with these ideas. **Multiple optional field trip visits to schools and programs will be planned for some weekday afternoons. Participating is encouraged if schedule allows, but not required. Graded: P/N. Satisfies: HC Colloquia**

### **HC 299**      **Economics for a Better World**      1 HC Credit(s)

CRN: 40193      Section 003      SEM      M 1100 - 1150

Instructor(s): Todd Pugatch

This course introduces, applies, and interrogates the economic approach to addressing social problems. Economics provides a framework to understand human and social behavior, how resources are produced and distributed, and how individuals and institutions respond to changes in circumstances. How can this framework be applied to solve social problems? The course begins by exploring the virtues and limits of economic markets to promote the social good. We then cover how the economic approach can help to understand and address a series of specific social problems, including poverty, discrimination, and climate change. The course is designed for students from any field of study who are interested in learning about addressing social problems from an economic perspective. The material assumes no previous familiarity with economics. **Satisfies: HC Colloquia**

**HC 299      Experiencing Transdisciplinary Research      1 HC Credit(s)**

CRN: 40215      Section 004      SEM      T 1000 - 1150  
**Meets weeks 1-5 only.**

Instructor(s): Irem Tumer & Andy Dong

To introduce students to transdisciplinary research methods, and to a collection of OSU faculty and their research projects. Class sessions will be split between introduction of information and concepts around research, and a research talk by a faculty speaker. Group discussions and collaborative learning activities will be used to further explore the concepts and topics under discussion. Students will conduct literature search and submit a written summary. Students will journal their summary of the research topics discussed during each lecture, including a summary of the research talk presented by the speakers. **Meets weeks 1-5 only. Graded: P/N. Satisfies: HC Colloquia**

**HC 299      Under Surveillance: Drones, Data, and More      1 HC Credit(s)**

CRN: 40194      Section 005      SEM      T 1000 - 1050

Instructor(s): Joshua Reeves

Students in this introductory course will learn to think critically about many of the most important sociotechnical developments in the digital world, including transhumanism, state and corporate surveillance, drone warfare, and e-waste and environmental destruction. Ethical questions will be emphasized. **Satisfies: HC Colloquia**

**HC 407      Building Hope: International Service Learning      2 HC Credit(s)**

CRN: 38068      Section 001      SEM      W 1600 - 1750

Instructor(s): David Kovac

You have the interest, energy, and motivation to travel and make a difference in the world...to experience a culture while giving back to the community. Where do you go? How do you get there? What do you do to ensure that you're doing good, performing a much-needed service? We'll help you prepare for any number of international service experiences — whether it be a mission trip, a more engaging study abroad experience, a community volunteer activity, or our own Building Hope HC Service Trip experience. Explore the complexities of international service from a variety of perspectives and learn how to balance your good intentions with cultural considerations and community-identified needs. Discover your passions, internationalize your OSU experience, and make meaningful contributions to building a better world. **Satisfies: HC Colloquia**

**HC 407      Religion and Morality: Congruity or Paradox?      1 HC Credit(s)**

CRN: 40440      Section 002      SEM      T 1200 - 1350  
**Meets weeks 1-5 only.**

Instructor(s): Tenisha Tevis

Reading *The Shack*, together we will interrogate the relationship between religion and morality, and whether society needs religion to be moral. Set in Oregon, this fictional tale takes us on a spiritual journey with the main character, his experience with extreme loss and the choices he makes about God. The book provokes questions about who/what is God and whether individuals can not only be moral but also heal, forgive, and let go of deep hurt without religion. As a class, we will grapple with religion, more specifically Christianity, as a founding principle for Western societies, and its impact on the world today. **Meets weeks 1-5 only. Graded: P/N. Satisfies: HC Colloquia**

**HC 407                      Nuclear Weapons - What to Know                      2 HC Credit(s)**

CRN: 40203                      Section 003                      SEM                      MW 900 - 950  
**Required all-day field trip, Friday, 2/17/23**

Instructor(s): Jack Higginbotham

Explore the development of nuclear weapons; the science, the engineering, the political forces driving their development, the strategies of deployment, the effects of detonation, how countries maintain their stockpiles and why the genie can't be put back in the bottle. A class field trip to the Evergreen Aviation and Space Museum is planned to provide students with a hands-on experience with the tools countries developed for delivering nuclear weapons on a target. This an instructor guided tour will describe the engineering challenges of developing planes and rockets to deliver weapons, including the Redstone backstory of the Cuban Mission Crisis, the ICBM that exploded in Arkansas when President Clinton was the governor, how the cold war space race led the technological advances for getting to and returning from space, the role of drones in seeking out hidden weapons. **Required all-day field trip, Friday, February 17th. Course Fee: \$39. Graded: P/N. Satisfies: HC Colloquia**

**HC 407                      The Hidden History of Women at Oregon State University                      2 HC Credit(s)**

CRN: 38069                      Section 004                      SEM                      W 1000 - 1150

Instructor(s): Tiah Edmunson-Morton & Christoffer Petersen

Women have been fundamental to OSU's story since it was founded in 1868, but too often their achievements, struggles and day-to-day experiences have been omitted from mainstream accounts of the university's history. This class seeks to uncover pieces of this rich but hidden historical narrative by focusing on the themes and individuals who have shaped the academic and social milieu for women at OSU for more than 150 years. Specific topics include the rise and fall of Home Economics as the predominant form of academic engagement for women faculty and students; the strict formal rules and social controls that traditionally governed women's lives on campus; the hugely significant impact made by Title IX on all manner of campus activities beginning in the mid-1970s; and the struggle against sexism and sexual violence that was spearheaded by the Women's Center around the same time, and that reached its crescendo in the late 1990s. Students in the class will also contribute to the historical record by conducting an oral history interview with a woman who is somehow connected with OSU, contextualizing that interview, and making it available on a dedicated web portal. Taught by two archivists and experienced oral historians, the class takes a combined approach to instruction, making use of lectures, historic images, film clips, discussion and document analysis to explore topics related to women's history, as well as the practice and theory of oral history. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407                      Ecology and Environmental Quality in the Himalaya                      1 HC Credit(s)**

CRN: 40216                      Section 005                      SEM                      W 1400 - 1550  
**Meets weeks 1-5 only.**

Instructor(s): Donald Zobel

This course integrates information from physical science, biology, agriculture, and regional cultures. We will summarize the physical environment and biotic diversity of the Himalayan Mountains, with emphasis on patterns of vegetation and its use by people. We consider a set of real problems that cause malnutrition and environmental degradation. We consider the accuracy of "well-known facts" and the problems of dealing with uncertainty in scientific data as well as in estimating social and economic responses to proposed solutions. **Meets weeks 1-5 only. Graded: P/N. Satisfies: HC Colloquia**

**HC 407      *The Weird World of Quantum Mechanics*      1 HC Credit(s)**

CRN: 40202      Section 006      SEM      F 1400 - 1450

Instructor(s): Albert Stetz

Are photons real? Can you change the past by doing an experiment in the present? Can you kill Schrodinger's cat by looking at it? Is it true that a watched pot never boils? Can you send quantum information faster than the speed of light? Quantum mechanics is so weird, what is reality really like? These and many related questions have intrigued scientists since the birth of quantum mechanics almost a century ago. Much progress has been made, but there is a sense that we must drastically revise our understanding of reality, and no one is quite sure how to do that. These questions are partly philosophical and partly technical, but the technical part can be understood with a minimum of math and physics. In this course we will review the most bizarre aspects of quantum mechanics, look at the experiments that have been done to elucidate them, and discuss the philosophical ramifications. **Satisfies: HC Colloquia**

**HC 407      *Creative Practice*      2 HC Credit(s)**CRN: 38076      Section 007      HYB      R 1000 - 1150  
Meets weeks 1, 2, 4, 6, 8, and 10 only.

Instructor(s): Thomas Bahde

This course provides an opportunity for students to devote time during the busy academic term to intentional engagement with their own creative projects and processes. Participants will work largely in their own time on any of their own creative work, broadly defined, and may use the course to continue work in progress, begin new projects, or explore their creativity without producing specific finished products. Alternating in-person meetings and Canvas check-ins provide an unobtrusive framework to discuss practices and theories of human creativity in the context of participants' own work, with an emphasis on building an understanding of mindful creativity as a beneficial lifelong practice. (This is a hybrid course, meaning that we will be meeting in person and completing Canvas check-ins on alternating weeks. Our in-person meetings will take place in Weeks 1, 2, 4, 6, 8, 10, with Canvas check-ins in Weeks 3, 5, 7, 9.) **Meets weeks 1, 2, 4, 6, 8, and 10 only. Graded: P/N. Satisfies: HC Colloquia**

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

CRN: 34727      Section 008      SEM      W 1400 - 1450

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, Starfleet. 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 science and medicine. We will go where few have gone before, using Star Trek as a lens to understand the role of ethics in biological and clinical research. Engage! **Satisfies: HC Colloquia**

**HC 407      *All About Algae*      1 HC Credit(s)**

CRN: 40699      Section 009      SEM      R 1700 - 1750

Instructor(s): Skip Rochefort

All About Algae will cover exactly what the title indicates. We will go from definition of algae (biological), types of algae, algae growth, algae blooms (good and bad aspects), and algae uses in food, medicine, environmental sustainability, and energy production. Most important of all, we will attempt to address any and all of your questions about algae!

**Satisfies: HC Colloquia**

*Reminder: Corvallis honors students can enroll in the honors Ecampus offerings: <https://honors.oregonstate.edu/class-schedule>*

**HC 407      *Electric Nature*      2 HC Credit(s)**

CRN: 34728      Section 010      SEM      F 1200 - 1350

Instructor(s): Chet Udell

Wind chimes are an excellent example of something that translates an unseen environmental phenomenon into an audible signal that enables us to become more aware of the natural processes happening outside our own window that is both informative and aesthetically pleasing. For this course, we will identify one or two dynamic natural sites on campus and translate natural phenomenon like light, temperature, humidity, soil moisture, the movement of trees swaying, and rainfall into data using IoT (Internet of Things) environmental sensors. We'll observe this data unfold in real-time online. Then, we will collect sounds and video from our natural sites to use as digital story telling materials. Live environmental data will interact with the sound and video we collect, enabling the environment itself to influence what is seen and heard. What if a tree swaying in the wind created music as it danced? What if the temperature of the day determined how warm or cool ambient light was in your room? We'll explore all kinds of exciting cross-modal relationships between our environment, data, and digital sound and art in this course. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407      *Sacred Places and Links to Ancient Astronomy*      1 HC Credit(s)**

CRN: 33267      Section 011      SEM      T 1300 - 1350

Instructor(s): Randall Milstein

A survey of sites, megaliths, caves, mountains, and structures considered sacred to human cultures and their links to ancient astronomical observations. This colloquium is not a survey of competing spiritual philosophies, but a discussion of what makes such sacred sites significant historically, scientifically, and culturally, especially as they relate to ancient astronomy. And why have these sites become loci for our curiosity and philosophical attention? **Graded: P/N. Satisfies: HC Colloquia**

**HC 407      *The Science of Science Fiction*      1 HC Credit(s)**

CRN: 33268      Section 012      SEM      R 1300 - 1350

Instructor(s): Randall Milstein

The good, the bad, the inventive, and the absolutely awful examples of "science" portrayed in science fiction films, television shows, comic books, and literature. Aliens, lightsabers, space battles, gravity drives, warp speed, laser beams, star gates, and worm holes; what's real, what's a possibility, what's speculation, and what is impossible. There is a co-dependency between science and science fiction; many scientists and engineers acknowledge science fiction helped spark their imaginations of what might be possible. And science fiction authors are inspired by future science possibilities, but how do novel scientific ideas get into SciFi authors' heads in the first place? Discussion and viewing of some of our favorite and least favorite science fiction, so we know what to look for while enjoying modern society's best loved metaphors and mythologies. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407      *Psychology of Personal Excellence*      2 HC Credit(s)**

CRN: 38071      Section 013      SEM      F 1000 - 1150

Instructor(s): William Massey

This course, which examines research on peak performers across domains, is an experiential seminar in the psychology of performance enhancement and personal excellence. Through multiple sources of evidence, students will identify and discuss characteristics of peak performance. Through experiential learning, discussion of books and film, as well as observations of others in performance situations, students will identify and apply strategies / techniques designed to facilitate their own peak performance and personal excellence. **Satisfies: HC Colloquia**

**HC 407 Introduction to Fan Fiction Studies** 2 HC Credit(s)

CRN: 40200 Section 014 SEM M 1000 - 1150

Instructor(s): Rebecca Olson

Uses students' own participation in or research on self-selected fandoms to examine the critical distinction between affirmative and transformative fan practice. To what extent do works in a given fandom reinforce canon and to what extent do they present a political reimagining of the fictional world and/or its characters? Explores what fan fiction suggests about the limitations of mainstream and canonical narratives, the inherent value of authorship as a category, and the creative potential of passionate audiences. **Satisfies: HC Colloquia**

**HC 407 Materials, Technology, and Human Civilization** 1 HC Credit(s)

CRN: 38072 Section 015 SEM W 1400 - 1450

Instructor(s): David Cann

Technology supports human civilization by addressing its "basic needs" of food, shelter, and clothing. Technology is itself enabled by the materials that are available to be exploited by human civilizations. On a fundamental level, those materials and the technologies they enable define what a human society can and cannot do. Therefore, we often define eras of human civilization according to the materials they had at their disposal, e.g. the stone age, the bronze age, etc., because these materials help describe the quality of life for those societies. In this colloquium, we will explore the complex relationship between materials, technology and human civilization through the lens of history. Using readings and discussions, we will analyze different eras of human history to understand the positive and negative impacts of new materials and technologies on human civilization. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407 American Society and Politics in Film** 1 HC Credit(s)

CRN: 40199 Section 016 SEM M 1400 - 1450

Instructor(s): David Bernell &amp; Catherine Bolzendahl

This course examines American society and politics through the medium of film. We will look at several topics such as democracy and governance, gender inequality, race and racism, religion in American life, the exclusion and inclusion of people identifying as LGBTQ, political dysfunction, and environmental protection. The course will look at the history and evolution of the conflicts that have characterized these issues in American society and politics, with the aim of understanding the present state and how we arrived at this point. **Satisfies: HC Colloquia**

**HC 407 Adulthood: Being a Young Professional in Today's Society** 1 HC Credit(s)CRN: 40769 Section 017 SEM MW 1500 - 1550  
Meets weeks 1-5 only.

Instructor(s): LeeAnn Baker

The course will explore the process of coming of age as a young professional in today's society. We will look at how society defines "childhood" or "adulthood" throughout history, popular culture, and media to investigate the concept of what it means to be an adult today. Students will identify the ways in which American adulthood is socially constructed, utilize effective strategies for time management, career development, and financial responsibility and understand the civic responsibility of coming of age and its applications. **Meets weeks 1-5 only. Graded: P/N. Satisfies: HC Colloquia**

**HC 407**      ***Illegitimate Music: Improvisation and Original Instrumentation***

2 HC Credit(s)

CRN: 38074      Section 019      SEM      W 1000 - 1150

Instructor(s): John Campbell

In this course, we'll explore the creative and expressive possibilities offered by "illegitimate music": music produced without regard to genre or formal conventions, often improvised and performed in nonprofessional settings. We'll study examples of such music, and we'll perform original music on self-made instruments in group contexts. Here "illegitimate" does not have a negative connotation; it simply denotes musical expression not sanctioned by the music academy or the entertainment industry. Thus this is a course for the "untrained" (although formally trained musicians are certainly welcome to participate): it is not a course in academic music theory or composition. This course does not regard music as a product, but rather emphasizes music as process and permission for free and authentic expression. Anyone who desires to create original music can participate. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407**      ***Eating Insects***

1 HC Credit(s)

CRN: 40204      Section 020      SEM      R 1200 - 1250

Instructor(s): Rebekah Sinclair

Insects are extremely delicious... if you're a bird. But would you incorporate them as a mainstay of your diet? In this class—which, to be clear, is not a cooking class ☺—we'll consider emerging arguments for and technologies around the large-scale consumption of insects as a replacement for other animal proteins. We will ask questions like, Is it ethical to eat insects and how do we decide? Do the same kinds of moral concerns about eating mammals or birds (or humans) apply to insects, or do we need to ask totally different questions? How do we think about and determine insect sentience and is sentience the most important moral question? Is eating insects really more sustainable than eating other animal proteins or only eating plant proteins? And if the problem is more with the capitalist systems we're producing within, not individual protein choices, then might insect protein face similar problems as other animal agriculture? In addition to moral questions, we will consider how different cultures have understood and practiced eating insects for centuries and how the disgust factor (whether evolutionary or cultural) might impact the success of entomophagy at a global scale. We will wrestle with the relationship between rational arguments and moral intuitions around one of the most ignored and underappreciated groups of the animal world, and you will get a chance to develop and reflect on your own relations to insects as well as your stance on if they are food, foe, friends, or all of the above. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407      *Uploading Life: Deep Questions About Virtual Reality*      2 HC Credit(s)**

CRN: 40205      Section 021      SEM      R 1000 - 1150

Instructor(s): Rebekah Sinclair

Virtual reality technologies raise many cool questions about the nature of consciousness and experience, what truly constitutes reality, and how ethics in digital spaces relate to ethics in “the real world” (whatever “real world” means!). What even is “the virtual” and what is “reality”? Is there a clear difference, and, if so, where and how do we draw the line? In this class, we will explore questions around virtual and augmented reality technologies from many perspectives: philosophy of consciousness, theories of mind, ethics, Indigenous science studies, animal behavior, game theory, and more. We will ask time-honored questions like, How do we know we’re not living in a simulation? But we will also investigate newer mind-bending directions, like, isn’t reality already virtual, since experience is not a reflection of objective reality, but thoroughly modified by species-specific perceptions? What aspects of “reality” get selected for, and which get excluded, when we’re trying to make VR “more real,” and for whom is this “reality” tailored? How do VR experiences challenge or reproduce ethical norms, like who we think it’s okay to kill, hunt, or grope? Is it moral to make a VR avatar of someone without their consent? Does bias in VR headset design negatively impact women? Would cows wearing VR headsets be happier to die, or could VR experiences of slaughterhouses compel us not to eat them at all? Could you really upload your consciousness and live in VR forever? And, most importantly, should you join Zuckerberg’s Metaverse and how much of your soul would that cost? There are blue pills and red pills, which will you take? **Graded: P/N.**

**Satisfies: HC Colloquia****HC 407      *Exploring the History of Commerce through Board Games*      2 HC Credit(s)**

CRN: 38075      Section 022      SEM      R 1400 - 1550

Instructor(s): Dennis Adams

What can board games teach us about human interaction throughout time? Let’s find out! In this class we will explore the economic and historical themes of various Euro-style board games by actually playing them in class. Expect self-directed research, informal presentations, playful debate, and reflective writing. This class is intended to be fun and highly interactive. We’ll alternately educate, learn from, impress, and oppress (as games occasionally demand) each other, all in a spirit of mutual respect and curious exploration. **Graded: P/N. Satisfies: HC Colloquia**

**HC 407      *Because It's There (and looks fun): Survival as Entertainment*      2 HC Credit(s)**

CRN: 38077      Section 023      SEM      R 1000 - 1150

Instructor(s): Rob Drummond

Humans crave adventure, pushing our bodies and wills to the limits, testing ourselves against forces much larger than ourselves. Confronting such forces often brings us to the brink of destruction. When things inevitably go wrong, who lives and who dies? Why? In this course we will consider these questions as we examine accounts of survival, of extreme fights with nature. What is it about modern American life that compels some people to seek out danger and a very real and ready risk of self-annihilation? Why do otherwise rational people take such extraordinary risks when no imperative exists beyond mere entertainment? Surely our forebears—many of whom fought every day just to stay alive in a truly dangerous landscape—would think this behavior absurd and irresponsible, as would any number of people around the world who don’t live in such a relatively safe environment. Who would so needlessly risk life in a time and place where staying alive is so easy? **Graded: P/N. Satisfies: HC Colloquia**

**HC 407      Last Year Experience      2 HC Credit(s)**

CRN: 34496      Section 024      SEM      T 1000 - 1150

Instructor(s): Don Johnson

The Last Year Experience seminar focuses on life after college. Often we view life after college as a career, but a career is only a small part of life after college. Life after college might include; a new town in a new state, a new apartment, finding a grocery store, a doctor, a health club, a church, a bar, a new neighbor and the critical one - friends. Graduating students often have concerns about friendships. "What will happen to my college friends, will I ever see them again, how will I make new friends?" The reality is many of your very best life friends are people you have not yet met. You will most likely maintain a rich relationship with a group of college friends and gather with them when possible, but you will also grow new significant relationships. For many, you will find your life partner after college, some of you may have children, most of you at some point in time will deal with aging family members, and most of you will wonder, "what is my purpose?"

**Graded: P/N. Satisfies: HC Colloquia****HC 407      How to be Less Wrong: A Study in Common Misconceptions      2 HC Credit(s)**

CRN: 40198      Section 025      SEM      F 1000 - 1150

Instructor(s): Andy Olstad

Some of us lived in the universe this comic describes: <https://xkcd.com/843/>

Do you wish you lived in this universe too? Help make the world a little better by checking your own misconceptions! Each week we will choose a different area of knowledge (cooking, literature, science, religion, history, and more) and investigate common misconceptions. We will draw from several sources, including the Wikipedia list but also from sources like Lies My Teacher Told Me or even The Structure of Scientific Revolutions. Students will have the opportunity to make predictions, do their own myth-busting, and survey friends to find out how common a mistaken belief is. Students should come to this class ready to joyfully delve into something we thought we knew- and be willing to learn that what we know ain't so! **Graded: P/N. Satisfies: HC Colloquia**

**HC 407      Technology and the Good Life      2 HC Credit(s)**

CRN: 36206      Section 026      SEM      R 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      Exploring History Through the Graphic Novel      2 HC Credit(s)**

CRN: 40197      Section 027      SEM      T 1600 - 1750

Instructor(s): Andrea Marks

This class uses the graphic novel as a means to explore various cultures and histories. We will examine both the visual style of the graphic novel, the writing and narrative content. A variety of narrative structures and visual styles, reading modes, related to comics/graphic novels will be explored and the book Understanding Comics will be used as the macro guidebook in learning vocabulary and concepts of visual narrative. Typically, students read 7 graphic novels over the course of the term, with each weekly meeting used for lively discussion about the book and the historical topic at large.

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



**HC 407****Visual Meaning in Pop Music**

2 HC Credit(s)

CRN: 38811

Section 033

SEM

F 1200 - 1350

Instructor(s): Brandy St. John

This colloquium will focus on analysis of the ways in which wardrobe, album artwork, music videos and more coalesce to create meaning and identity for popular musicians. We'll ask: what is being communicated in this image and how? We'll consider the intersections of art, expression, commerce, and branding and how visual rhetoric in popular music changes with cultural and media shifts. As your instructor, I'll draw on my twenty years of experience as a stylist in the music industry to elucidate the ways in which artists consciously and unconsciously create their image. The course will move chronologically, starting with pop icons of the fifties like Elvis, and move up to modern day artists like Lil Nas X. Weekly discussions will focus on visual analysis of images using textual evidence to support our interpretations while considering the media and social contexts of the time period. Short readings will be taken from music magazines and websites, chosen to help us understand how an artist is perceived by the public. Weekly assignments will be in the form of visual collage: collecting images of a musician's wardrobe, make-up, poses, artwork, stage design, music videos and more. The collage will then be paired with a song and brief process memo that analyzes the visual rhetoric you've assembled. This writing will use textual evidence to support insightful interpretation that incorporates a dynamic mix of lenses like psychology, politics, and identity. For the final project, you'll choose an artist and create an original piece of visual rhetoric that is on-brand for that artist. This project can be: styling an outfit for your artist, writing a music video treatment, designing an album cover, or any visual project you successfully propose. This final project will include a two-page artist's statement about your visual choices and a summary of what you learned about visual meaning during our engagement with visual meaning in popular music. **Satisfies: HC Colloquia**

## Winter 2023 Corvallis HC Electives

### BA 161H

### Innovation Nation - Awareness to Action

2 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for one of the following combinations:  
Section 020 (lec) & section 029 (rec) OR  
Section 030 (lec) & section 039 (rec) OR  
Section 032 (lec) & section 039 (rec).**

CRN: 34832	Section 020	LEC	TR 1100 - 1150	Amy Neuman
<i>AND</i>				
CRN: 34839	Section 029	REC	F 1100 - 1150	Sandra Neubaum

**OR**

CRN: 34834	Section 030	LEC	TR 1300 - 1350	Amy Neuman
<i>AND</i>				
CRN: 40905	Section 039	REC	F 1300 - 1350	Sandra Neubaum

**OR**

CRN: 34837	Section 032	LEC	TR 1400 - 1450	Amy Neuman
<i>AND</i>				
CRN: 40905	Section 039	REC	F 1300 - 1350	Sandra Neubaum

First course in a two-course sequence. Begins a conversation on self-management, offering opportunities for active reflection on critical skill sets necessary for success in today's global market. Builds a foundation of entrepreneurial knowledge and gaining a competitive edge while becoming aware of your role in managing your own career. 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. **This course is shared with a section for COB Dean's Academy students. Honors students should register for one of the following combinations:  
Section 020 (lec) & section 029 (rec) OR  
Section 030 (lec) & section 039 (rec) OR  
Section 032 (lec) & section 039 (rec).**  
**2 out of the 3 OSU credits earned will count toward Honors College requirements.** RESTRICTIONS: For first-year students in the College of Business only. **Satisfies: HC Elective**

### BA 213H

### Managerial Accounting

4 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for section 001.**

CRN: 36202	Section 001	LEC	MW 1400 - 1550
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Instructor(s): Alan Fudge

Accounting information from the perspective of management users with an emphasis on data accumulation for product costing, planning, and performance evaluation and control. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: BA 211/211H. RESTRICTIONS: For Business majors/minors only. Minimum of sophomore standing required. **Satisfies: HC Elective**

**BA 223H / BA 390H Principles of Marketing**

4 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for section 001.**

Choose either the BA 223H section OR the BA 390H section, not both.

Though there are two options for CRNs to use, this is **one** class that meets together.

**BA 223H CRN: 36204 Section 001 LEC MW 1400 - 1550**

**BA 390H CRN: 38053 Section 001 LEC MW 1400 - 1550**

Instructor(s): Ryann Reynolds-McIlInay

Covers concepts and principles used by marketing professionals. Designed explicitly for business majors, it's an introduction to the relationships between customers, products, and companies in a competitive and dynamically evolving marketplace. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: ECON 201/201H. RESTRICTIONS: For Business majors/minors only. Minimum of sophomore standing required. **Satisfies: HC Elective**

**BA 275H Foundations of Statistical Inference**

4 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for section 001.**

**CRN: 37106 Section 001 LEC MW 1000 - 1150**

Instructor(s): Andy Olstad

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. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: MTH 111 OR MTH 241 OR MTH 251/251H. RESTRICTIONS: For Business majors/minors only. Minimum of sophomore standing required. **Satisfies: HC Elective**

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

4 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for section 001.**

**CRN: 37108 Section 001 LEC TR 1200 - 1350**

Instructor(s): Borbala Csillag

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.** PREREQS: (COMM 111/111H or COMM 114/114H or COMM 218/218H) 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 357H      Operations Management** 4 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for section 001.**

CRN: 40697      Section 001      LEC      MW 1400 - 1550

Instructor(s): Gary Micheau

Decision making in managing the production of goods and services: product planning, process planning, facility planning, control of quantity, cost and quality. Special emphasis on exponential forecasting, inventory management, work methods, project management, productivity improvement, and international comparisons. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: (BA 275/275H or BA 276) and (BA 270/270H or BA 302/302H) RESTRICTIONS: Business majors/minors only. Minimum of junior standing required.

**Satisfies: HC Elective**

**BA 375H      Applied Quantitative Methods** 4 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for section 001.**

CRN: 37110      Section 001      LEC      MW 800 - 950

Instructor(s): Andy Olstad

Introduces students to the basics of data science and data analytics for handling of large-scale databases. It provides an overview of the main data-analytic techniques and topics including data visualization, linear and nonlinear regression analysis, time series analysis and forecasting, classification, and clustering methods. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: BA 275. RESTRICTIONS: Business majors/minors only. Minimum of junior standing required. **Satisfies: HC Elective**

**BA 390H / BA 223H      Principles of Marketing** 4 HC Credit(s)

**This course is shared with a section for COB Dean's Academy students.  
Honors students should register for section 001.**

Choose either the BA 223H section OR the BA 390H section, not both.

Though there are two options for CRNs to use, this is **one** class that meets together.

**BA 390H CRN: 38053      Section 001      LEC      MW 1400 - 1550**

**BA 223H CRN: 36204      Section 001      LEC      MW 1400 - 1550**

Instructor(s): Ryann Reynolds-McIlInay

Explores consumer and industrial markets, and activities and enterprises involved in distributing products to those markets. Develops an understanding of distribution processes, marketing problems, and marketing principles. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: ECON 201/201H or AREC 250 or AEC 250 or AEC 251. RESTRICTIONS: For Business majors/minors only. Minimum of sophomore standing required. **Satisfies: HC Elective**

**BB 314H**      **Cell and Molecular Biology**      4 HC Credit(s)

Register for the LEC and one REC section

CRN: 40560      Section 001      LEC      TR 1400 - 1520

Choose *one* REC section

CRN: 40581      Section 010      REC      W 1200 - 1350

CRN: 40582      Section 011      REC      F 1200 - 1350

Instructor(s): Alysia Mortimer

Explores the fundamental concepts of prokaryotic and eukaryotic cell biology. Emphasizes cell structure and function at the molecular level. PREREQS: ((BI 221/221H and BI 222/222H and BI 223/223H) or (BI 204 and BI 205 and BI 206)) and ((CH 233/233H and (CH 263/263H or CH 273)) or CH 123). **Satisfies: HC Elective**

**BI 370H**      **Ecology**      3 HC Credit(s)

CRN: 35654      Section 001      LEC      TR 1200 - 1320

Instructor(s): Carmen Harjoe

The study of interactions between organisms and their biotic and abiotic environments at the population, community, ecosystem, and biosphere levels of organization. PREREQS: (BI 211/211H and BI 212/212H and BI 213/213H) or (BI 221/221H and BI 222/222H and BI 223/223H) or (BI 204 and BI 205 and BI 206). **Satisfies: HC Elective**

**CBEE 212H**      **Energy Balances**      1 HC Credit(s)

Register for the LEC, REC, and STU sections

CRN: 33552      Section 001      LEC      MF 1400 - 1450

CRN: 33553      Section 010      REC      W 1400 - 1450

CRN: 33554      Section 020      STU      T 1300 - 1350

Instructor(s): Gregory Herman

Energy balances, thermophysical and thermochemical calculations. **1 out of the 3 OSU credits earned counts toward Honors College requirements. Lecture and recitation common with non-honors.** PREREQS: MTH 252/252H. RESTRICTIONS: For Engineering students only. Minimum of sophomore standing required. **Satisfies: HC Elective**

**CH 362H**      **Experimental Chemistry I**      3 HC Credit(s)

Register for the LEC and one LAB section

CRN: 31599	Section 001	LEC	M 1600 - 1650	Neal Sleszynski
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Choose **one** LAB section:

CRN: 36492	Section 011	LAB	TR 1300 - 1620	Amila Liyanage
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CRN: 31601	Section 012	LAB	WF 1200 - 1520	Neal Sleszynski
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Advanced integrated laboratory course for sophomore level chemistry majors and biochemistry and biophysics majors concentrating on organic synthesis, thermochemistry and spectroscopic methods of identification. Students learn first hand techniques of: vacuum distillation, oxygen bomb calorimetry, infrared spectroscopy, and 1-D and 2-D NMR methods. **Must contact Chemistry department to register. Course fee is non-refundable. Additional Supplies: <https://beav.es/iAk>.** PREREQ: CH 361/361H AND CH 335. CH 335 can be taken concurrently. RESTRICTIONS: For Chemistry and Biochemistry/Biophysics majors only. **Course Fee \$44.00. Fee is non-refundable. Additional no-show-drop fee. Satisfies: HC Elective**

**CH 462H**      **Experimental Chemistry II**      3 HC Credit(s)

Register for both the LEC and the LAB sections.

CRN: 31602	Section 001	LEC	W 1300 - 1350
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CRN: 31603	Section 010	LAB	W 1400 - 1650 & F 1300 - 1650
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Instructor(s): Kyriakos Stylianou

Advanced integrated laboratory course for junior level chemistry majors concentrating on physical and analytical chemistry of polymers and materials. Students synthesize a synthetic rock, zeolite, and make PMMA, a polymer. Students learn first hand techniques of: PXRD, INAA, DSC, TGA, GPC, electrochemistry, reaction kinetics by flash photolysis, pulsed polarography and ASV. **Must contact Chemistry department to register. Course fee is non-refundable. Additional Supplies: <https://beav.es/iAk>** PREREQ: CH 362/362H AND CH 441 AND (CH 324 OR CH 461/461H). CH 441 can be taken concurrently. CH 422 is recommended. **Course Fee \$44.00. Fee is non-refundable. Additional no-show-drop fee. Satisfies: HC Elective**

**CHE 332H**      **Transport Phenomena II**      1 HC Credit(s)

Register for the LEC and the STU sections:

CRN: 33723	Section 001	LEC	TR 1200 - 1250
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CRN: 33722	Section 010	STU	MW 1300 - 1350
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Instructor(s): Skip Rochefort

A unified treatment using control volume and differential analysis of heat transfer, prediction of heat transport properties, and introduction to heat transfer operations. Lecture is common with non-honors courses. **1 out of the 3 OSU credits earned counts toward Honors College requirements.** PREREQ: CHE 311 AND CHE 331/331H. RESTRICTIONS: Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

**CS 325H      Analysis of Algorithms      4 HC Credit(s)**

CRN: 34562      Section 001      LEC      TR 1400 - 1550

Instructor(s): Huck Bennett

In this class, you will master algorithmic techniques such as dynamic programming and divide-and-conquer and learn how to argue that your algorithms are correct and fast. You will apply this knowledge to tackling problems from the International Collegiate Programming Contest. PREREQ: CS 261 AND (CS 225 OR MTH 231). RESTRICTIONS: Must be enrolled in the College of Engineering. Not for Computer Science Double Degree students. **Satisfies: HC Elective**

**HC 409      Civic Engagement      1 HC Credit(s)**

CRN: 33356      Section 002      PRAC      - - - - -

Instructor(s): Leanna Dillon

The Honors College provides an opportunity for HC students to earn credit while serving and learning in their community. To earn one honors elective credit, commit to volunteering 2-3 hours per week in a local community agency. Visit the course on Canvas to access the materials provided by Community Engagement & Leadership to guide your experience. If you would like support in finding a place to volunteer visit [cel.oregonstate.edu](http://cel.oregonstate.edu). At the end of the term submit the guided reflection assignment on Canvas due by 5 pm the Monday of finals week. Registration instructions: contact [Leanna.Dillon@oregonstate.edu](mailto:Leanna.Dillon@oregonstate.edu) to receive a learning agreement form, return the form signed by you and your site supervisor to receive an override to register for the course prior to the end of week 1 of the registration term. **Graded: P/N. Satisfies: HC Elective**

**ME 317H      Intermediate Dynamics      4 HC Credit(s)**

CRN: 40206      Section 001      LEC      MW 1000 - 1150

Instructor(s): Ravi Balasubramanian

Continuation of the study of kinematics and kinetics of particles and rigid bodies, with applications to mechanical systems of current interest to engineers. PREREQS: ENGR 212/212H AND MTH 256/256H. RESTRICTIONS: For Manufacturing, Mechanical, or Industrial Engineering majors only. Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

**ME/NSE 331H      Introductory Fluid Mechanics      4 HC Credit(s)**

Register for either the ME 331H section OR the NSE 331H section, not both.

MIME students should register for ME 331H. NSE students should register for NSE 331H.

Though there are two options for CRNs to use, this is **one** class that meets together.**ME 331H CRN: 40207      Section 001      LEC      TR 800 - 950****NSE 331H CRN: 40219      Section 001      LEC      TR 800 - 950**

Instructor(s): James Liburdy

Introduces the concepts and applications of fluid mechanics and dimensional analysis with an emphasis on fluid behavior, internal and external flows, analysis of engineering applications of incompressible pipe systems, and external aerodynamics. PREREQS: ENGR 311/311H or ME 311/311H or NE 311/311H or NSE 311/311H. RESTRICTIONS: For Manufacturing, Mechanical, or Industrial Engineering majors only. Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

**ME 383H Mechanical Component Design** -- HC Credit(s)

Register for the LEC and the LAB sections:

CRN: 34730	Section 001	LEC	TR 830 - 950
CRN: 34731	Section 010	LAB	F 1000 - 1150

Instructor(s): Anthony Nix

Failure analysis and design of machine components. **1 out of the 4 OSU credits earned counts toward Honors College requirements. Lecture is shared with non-honors section.** PREREQS: ME 316 and ME 250 and ENGR 212/212H and ENGR 213. ME 250 can be taken concurrently. RESTRICTIONS: For Manufacturing, Mechanical, or Industrial Engineering majors only. Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

**ME 430H System Dynamics and Control** 4 HC Credit(s)

CRN: 37119	Section 001	LEC	MW 1400 - 1550
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Instructor(s): Ravi Balasubramanian

Modeling and analysis of linear continuous systems in time and frequency domains. Fundamentals of single-input-single-output control system design. PREREQS: ME 317/317H or (ECE 351 and ECE 352 and ENGR 212/212H). RESTRICTIONS: For Mechanical Engineering students only. Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

**MTH 252H Integral Calculus** 4 HC Credit(s)

Choose one LEC section.

MTH 252H does not have a recitation. That hour is built into the lecture.

CRN: 31604	Section 001	LEC	WF 1000 - 1150	Scott Peterson
CRN: 33825	Section 002	LEC	TR 1400 - 1550	Sara Clark
CRN: 34523	Section 003	LEC	TR 1000 - 1150	Sara Clark

The integral is the second big idea in calculus. In the same way that the derivative measures rate of change, the integral measures net change. Applications in physics, engineering and geometry are numerous. PREREQ: MTH 251/251H. **Course Fee \$10. Satisfies: HC Elective**

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

MTH 254H does not have a recitation. That hour is built into the lecture.

CRN: 32677	Section 001	LEC	WF 1400 - 1550
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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. PREREQ: MTH 252/252H. **Course Fee \$10. Satisfies: HC Elective**

**MTH 255H**      **Vector Calculus II**      4 HC Credit(s)

MTH 255H does not have a recitation. That hour is built into the lecture.

CRN: 32555      Section 001      LEC      MW 1400 - 1550

Instructor(s): Tom Dick

Introduction to vector analysis: line integrals and work, conservative fields, surface integrals and flux, divergence, curl, and the theorems of Gauss and Stokes. Emphasis on geometric intuition, not just computation. Especially suitable for those with an interest in physics and engineering, as well as mathematics. PREREQ: MTH 254/254H. **Satisfies: HC Elective**

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

Choose one LEC section.

MTH 252H does not have a recitation. That hour is built into the lecture.

CRN: 31605      Section 001      LEC      WF 1200 - 1350      Torrey Johnson

CRN: 34217      Section 003      LEC      WF 1400 - 1550      Torrey Johnson

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

**MTH 264H**      **Introduction to Matrix Algebra**      2 HC Credit(s)

MTH 264H does not have a recitation. That hour is built into the lecture.

CRN: 36208      Section 001      LEC      WF 1200 - 1350  
Meets weeks 1-5 only.

Instructor(s): Dave Wing

Introduction to matrix algebra: systematic solution to systems of linear equations; linear transformations; eigenvalue problems. **Meets weeks 1-5 only.** PREREQS: MTH 252/252H. MTH 254/254H is recommended. **Satisfies: HC Elective**

**MTH 265H**      **Introduction to Series**      2 HC Credit(s)

MTH 265H does not have a recitation. That hour is built into the lecture.

CRN: 36209      Section 001      LEC      WF 1200 - 1350  
Meets weeks 6-10 only.

Instructor(s): Dave Wing

Convergence and divergence of numerical series, including geometric series. Series of functions. Power series and their analytic properties. Taylor series expansions and Taylor polynomials. **Meets Weeks 6-10 only.** PREREQS: MTH 252/252H. **Satisfies: HC Elective**

**NSE/ME 331H      *Introductory Fluid Mechanics*      4 HC Credit(s)**

Register for either the ME 331H section OR the NSE 331H section, not both.

MIME students should register for ME 331H. NSE students should register for NSE 331H.

Though there are two options for CRNs to use, this is **one** class that meets together.

**NSE 331H CRN:** 40219    **Section** 001    LEC    **TR 800 - 950**

**ME 331H CRN:** 40207    **Section** 001    LEC    **TR 800 - 950**

Instructor(s): James Liburdy

Introduces the concepts and applications of fluid mechanics and dimensional analysis with an emphasis on fluid behavior, internal and external flows, analysis of engineering applications of incompressible pipe systems, and external aerodynamics. PREREQS: ENGR 311/311H or ME 311/311H or NE 311/311H or NSE 311/311H. RESTRICTIONS: For Nuclear Engineering majors only. Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

**PSY 301H      *Research Methods in Psychology*      4 HC Credit(s)**

**CRN:** 38061    **Section** 001    LEC    **TR 1000 - 1150**

Instructor(s): Daniel Bradford

Study of scientific methodology in psychology, including experimental and observational techniques. Topics include problem identification and hypothesis formation, research design, application of statistics, collection and interpretation of data, computer usage, and research report writing. PREREQS: PSY 298/298H or (PSY 201/201H and PSY 202/202H and ST 352) RESTRICTIONS: Minimum of sophomore standing required. **Satisfies: HC Elective**

**PSY 340H      *Cognitive Psychology*      4 HC Credit(s)**

**CRN:** 36210    **Section** 001    LEC    **TR 1200 - 1350**

Instructor(s): Jason McCarley

We will explore theories and findings from cognitive psychology—the study of the mind—and consider what they tell us about real-world tasks such as driving, studying, making financial decisions, or giving eyewitness testimony. Along the way, we will recreate some classical experiments on attention, memory, and decision making, and read some cutting-edge research on the role of our mental processes in our everyday performance. PREREQS: PSY 201/201H. RESTRICTIONS: Minimum of sophomore standing required. **Satisfies: HC Elective**

## Winter 2023 Corvallis HC Thesis/Research/Projects

Note: some thesis credits are also offered as Ecampus sections: <https://honors.oregonstate.edu/class-schedule>

<b>HC 408</b>	<b>Thesis Stage 1: Plan</b>			1 HC Credit(s)
	Choose <b>one</b> section			
	<b>Meets in weeks 1, 2, 4, 6, and 8 only.</b>			
CRN: 38055	Section 011	HYB	<b>F 1400 - 1450</b>	LeeAnn Baker
CRN: 38066	Section 012	HYB	<b>T 1400 - 1450</b>	LeeAnn Baker
CRN: 38067	Section 013	HYB	<b>W 1600 - 1650</b>	LeeAnn Baker
CRN: 38056	Section 014	HYB	<b>T 1500 - 1550</b>	Rebekah Lancelin
CRN: 38057	Section 015	HYB	<b>F 1100 - 1150</b>	Leanna Dillon
CRN: 40217	Section 016	HYB	<b>R 1200 - 1250</b>	Leanna Dillon
CRN: 40218	Section 017	HYB	<b>W 1300 - 1350</b>	LeeAnn Baker

HC 408 Stage 1 will introduce you to the Thesis Success in Stages (TheSIS) process, as well as to some of the research happening at OSU and how undergraduate students can take part. You'll explore ways that your own interests, academic or otherwise, can be a springboard to a thesis topic, and discover the benefits of doing a thesis that go well beyond your time at OSU. By the end of the term, you'll have a (flexible) plan of action in place for the years ahead. A required course for all first-year and transfer students to be taken during the first three terms in the Honors College. **Meets weeks 1, 2, 4, 6, and 8 only. Graded: P/N. Satisfies: HC Thesis**

<b>HC 408</b>	<b>Thesis Stage 2: Explore &amp; Build</b>			1 HC Credit(s)
CRN: 32554	Section 020	HYB	<b>T 1600 - 1650</b>	
	<b>Meets in weeks 2, 4, 6, and 10 only.</b>			

Instructor(s): Kassena Hillman & Andy Karplus

Thesis 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. **Meets weeks 2, 4, 6, and 10 only. PREREQ:** Prior completion of Thesis Stage 1 as outlined at [honors.oregonstate.edu/thesis](https://honors.oregonstate.edu/thesis). **Graded: P/N. Satisfies: HC Thesis**

**Note:** the credit-based HC 408 Thesis Stage 3 course is no longer offered and has been replaced by Stage 3 workshops and other opportunities. Questions? Contact [uhcadvisor@oregonstate.edu](mailto:uhcadvisor@oregonstate.edu).

**HC 408****Thesis Stage 4: Compose & Complete**

1 HC Credit(s)

CRN: 33717

Section 040

WS

F 1400 - 1550

**Meets in weeks 2, 4, and 6 only.**

Instructor(s): Beau Baca

Thesis Stage 4: Compose & Complete 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. **Meets weeks 2, 4, and 6 only.** PREREQS: Prior completion of TheSIS Stages 1, 2, & 3 as outlined at [honors.oregonstate.edu/thesis](https://honors.oregonstate.edu/thesis). **Graded: P/N. Satisfies: HC Thesis**