HC Corvallis Campus
Fall 2023 Offerings

Important Information:

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://beav.es/SRY .

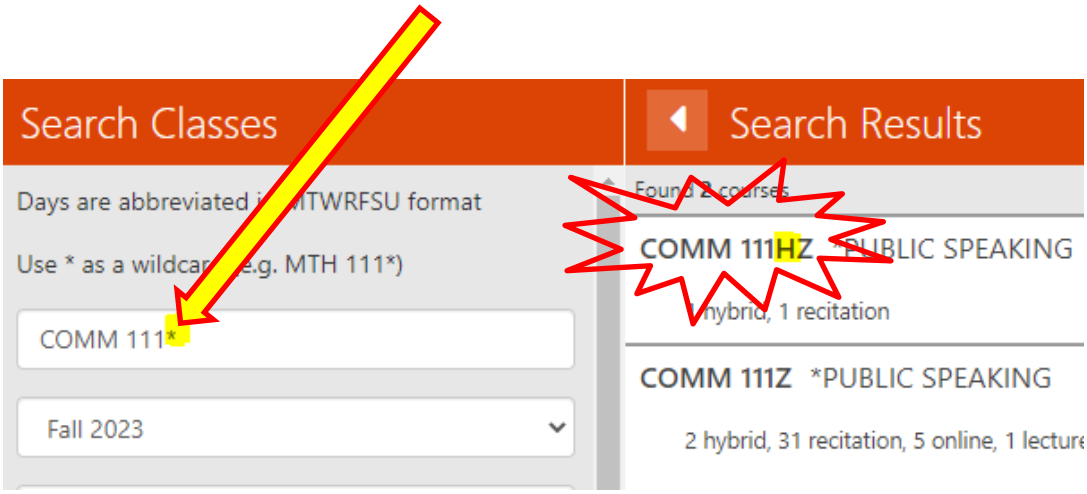
- ***Tuition rates for Ecampus courses are different than on-campus courses and can be found at*** https://ecampus.oregonstate.edu/services/tuition/ .
- Registration for honors Ecampus offerings is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

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

Need help with a course fee? Check out the HC Curriculum Access Scholarship: https://beav.es/SRf

Looking for classes in the OSU class schedule? Add an asterisk (*) to your search term to make sure the results will include any scheduled honors sections of what you're searching for.



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

Fall Extension 2023 Course Options

These classes take place prior to the first day of fall term and are **not** open to incoming OSU students whose first OSU term is fall. Registration dates and deadlines follow the Academic Calendar for non-traditional offerings at https://registrar.oregonstate.edu/non-traditional-course-academic-calendar.
If you have questions about the content or plan for any of these courses, please contact the instructor for the course you are interested in**. If you would like to register for one of these courses, please follow the instructions below:**

How to register for these fall extension courses:

1. AFTER you are eligible to register for classes, send an email to uhcadvisor@oregonstate.edu and provide the following information. We will process requests in the order received; if any of the details below are missing, that may cause a delay.
    a. Your full name & OSU student ID
    b. Your class standing & the date/time that you became eligible to register
    c. Class subject/number you want to register for (ex. HC 299)
    d. The CRN for the class you want to register for
2. You will receive an email with information regarding your override and when you'll be able to add the class.

HC 299 *Comic Con Portland: Science Fiction as Mirror*

1 HC Credit(s)

CRN: 19733 **Section** 101 SEM **Pre-trip meeting Friday 9/22/23 1400-1550**
All-day field trip Saturday 9/23/23
Post-trip meeting Tuesday 9/26/23 1400-1550

Instructor(s): Joseph Orosco & Diana Rohlman Randall Milstein

"In a very real sense, we are all aliens on a strange planet. We spend most of our lives trying to reach out and communicate. If during our lifetime we could reach out and really communicate with just two people, we are indeed very fortunate." ~Gene Roddenberry, creator of Star Trek.
Science fiction is the literature of the human species encountering change, and it is often written as social commentary. Shows and movies such as Star Trek, Stargate, Star Wars, and more, explore humanity through depictions of futuristic humans, alternative societies, and alien species.
This class will explore modern controversies, social conflicts, and ethical dilemmas through the lens of science fiction, culminating in a one-day field trip on Saturday, September 23, 2023, to the Rose City Comic-Con in Portland. **Pre-trip meeting Friday 9/22/23. All-day field trip Saturday 9/23/23. Post-trip meeting Tuesday 9/26/23. Not for incoming students. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *A Field to Fork View of Farming Systems in Oregon*

2 HC Credit(s)

CRN: 16283 **Section** 101 SEM **FSU 800 - 1850**
Class meets Friday 9/15 - Sunday 9/17 only
All-day field trips

Instructor(s): Dan Arp & Wanda Arp

Over 200 agricultural commodities are produced in Oregon, more than almost any other state. Producers use a variety of farming approaches (e.g. organic, conventional) from small scale (a few acres) to large scale (thousands of acres). In this course, students will learn about these diverse farming systems in Oregon and finish each day with a meal based on Oregon produce. The format will consist of visits to local farms, processing plants and research centers. Students will participate in the preparation of evening meals that will be based on Oregon produce. **Class meets Friday 9/15 - Sunday 9/17 only. All-day field trips. Not for incoming students. Course Fee: $68. Satisfies: HC Colloquia**

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

HC 407 *Seeing Climate Change in Oregon* 2 HC Credit(s)

CRN: 17723 **Section** 102 SEM **Pre-trip meeting Tuesday September 19, 1200-1550**
3-day field trip September 20-22
Post-trip meeting Monday September 25, 1200-1550

Instructor(s): Philip Mote

As recently as 10 years ago, most of the impacts of climate change were still ambiguous. Now, though, hardly a season passes without new extremes: heat waves, floods, droughts, coastal erosion, ecological impacts, and social disruption. This course combines academic understanding through reading, discussion, and analysis, with experiential learning in the form of a three-day road trip (with 2 nights of camping) around western Oregon. Participants will synthesize data, visible evidence, and human experiences, as they visit locations affected by the devastating fires of September 2020, coastal communities coping with erosion and inundation, agricultural and urban communities affected by the deadly summer 2021 heat wave, a municipal water utility planning for changes in water supply and demand, and a tribal community coping with cultural dimensions of environmental change. **Pre-trip meeting Tuesday September 19, 3-day field trip September 20-22, post-trip meeting Monday September 25. Not for incoming students. Course Fee: $125. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Sport Psychology: A Critical Analysis of Ted Lasso* 2 HC Credit(s)

CRN: 19753 **Section** 104 SEM **All meetings are 1000 - 1350**
Meets only on 9/14, 9/18, 9/20, 9/22, and 9/26.

Instructor(s): William Massey

In this class, students will watch and critically analysis the Apple+ TV series Ted Lasso. Along with the show, we will cover contemporary readings in sport psychology. Topics will include positive psychology, group dynamics and team cohesion, performance under stress, sport and mental health, and coaching philosophies. **Meets in pre-term extension period, only on 9/14, 9/18, 9/20, 9/22, and 9/26. Not for incoming students. Graded: P/N. Satisfies: HC Colloquia**

Fall 2023 Corvallis HC Bacc Core

ANTH 481H *Natural Resources and Community Values*

3 HC Credit(s)

CRN: 18041 **Section** 001 HYB **T 1600 - 1720**

Instructor(s): Irene Rolston

Investigates relations between human communities and the values of community members. Resource issues integrate concepts from social science, economics, and ecology. **Satisfies: HC BaccCore** - **Science, Technology, Society**

BI 221H *Principles of Biology: Cells*

4 HC Credit(s)

Register for the LEC and choose one LAB

CRN: 15834	**Section** 001	LEC	**MWF 1300 - 1350**	Nathan Kirk
		And choose ONE lab section:		
CRN: 15835	**Section** 010	LAB	**W 1400 - 1650**	Carmen Harjoe
CRN: 15836	**Section** 011	LAB	**R 800 - 1050**	Carmen Harjoe
CRN: 15837	**Section** 012	LAB	**F 1400 - 1650**	Carmen Harjoe

Introduction to fundamental biological concepts and theories about the chemical and molecular basis of life, structure and function, transformation of energy and matter and information flow at a cellular and molecular level. PREREQS: (CH 121 or 201) or (CH 231/231H and (CH 261/261H or CH 271)). All may be taken concurrently. **Course Fee $29. Satisfies: HC BaccCore** - **Biological Sciences**

BI 306H *Environmental Ecology*

3 HC Credit(s)

CRN: 15687 **Section** 001 LEC **TR 1200 - 1320**

Instructor(s): Kate Lajtha

Biological, physical, and chemical nature of both natural and human-disturbed ecosystems. Topics include population and conservation ecology, toxins in the food chain and in the environment, forest decline and acid rain, eutrophication of terrestrial and aquatic ecosystems, and ecosystem restoration. **Satisfies: HC BaccCore** - **Contemporary Global Issues**

CH 231H *Honors General Chemistry* 4 HC Credit(s)

CRN: 13358	**Section** 001	LEC	**MWF 1200 - 1250**	Tim Zuehlsdorff
		AND register for one REC section		
CRN: 13360	**Section** 010	REC	**T 1300 - 1350**	Tim Zuehlsdorff
CRN: 17196	**Section** 011	REC	**T 1400 - 1450**	Tim Zuehlsdorff
CRN: 20328	**Section** 012	REC	**R 1100 - 1150**	Tim Zuehlsdorff
		AND register for one CH 261H LAB section		

CH 261H *Laboratory for Honors General Chemistry* 1 HC Credit(s)

CRN: 12549	**Section** 010	LAB	**T 1500 - 1750**	Michael Burand
CRN: 12550	**Section** 011	LAB	**R 1200 - 1450**	Michael Burand
CRN: 20327	**Section** 012	LAB	**T 900 - 1150**	Michael Burand

This first course in a General Chemistry sequence is for Honors College students with one year of high school chemistry. This sequence examines the characteristics of molecular and atomic behavior and the way in which these influence chemical properties and reactions. $30 fee for the laboratory section. CH 231H must be taken simultaneously with CH 261H OR CH 271 (if students elect to take the CH 271 lab instead of CH 261H, the credit earned for the lab will not count toward Honors College requirements). **Must be taken concurrently with CH 231H. Course fee is non-refundable. Additional Supplies: https://beav.es/iAk** PREREQS: MTH 111 OR MTH 112 OR MTH 251/251H OR MTH 252/252H OR MTH 254/254H. COREQ: CH 261H OR CH 271. **Course Fee $30. Satisfies: HC BaccCore** - **Physical Sciences**

COMM 111HZ *Public Speaking* 4 HC Credit(s)

CRN: 19386 **Section** 001 HYB **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**

FW 345H *Global Change Biology* 3 HC Credit(s)

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

CRN: 19654 **Section** 401 ONLN **-- -- - --**

Instructor(s): Lisa Ellsworth

Global Change Biology is the study of the impact of climate change on natural systems and actions to mitigate (slow) or adapt to climate change. Global climate change is having dramatic effects on natural resources including fish and wildlife populations and their habitats. Students will gain an understanding of the role that natural ecosystems (oceans, forests, wetlands, grasslands etc.) play in regulating the climate; how land use affects the earth's climate; how climate change will affect fish, wildlife and their habitats; and the role that managers and researchers can play in mitigating and adapting to climate change. **This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.** Recommended prereqs: Introductory biology and ecology courses such as BI 370. **Satisfies: HC BaccCore** - **Contemporary Global Issues**

GEOG 103H *The Human Planet*

3 HC Credit(s)

CRN: 16847 **Section** 001 LEC **TR 1200 - 1320**

Instructor(s): Demian Hommel

The Human Planet is a class about developing a more profound sense of wonder in being alive at this point in time and space. We are living through the most stimulating time in human history. Improvements in technology are clarifying our understanding of environmental systems and our impact on their functioning. Some of these same technologies are changing the nature of our communication with each other, and even our conceptions of self. Using Geography -- the science and of where -- we'll look at some of the biggest challenges facing our societies and species. **Satisfies: HC BaccCore** - **Cultural Diversity**

MTH 251H *Differential Calculus*

4 HC Credit(s)

Honors MTH classes do not have a recitation. That hour is built into the Lecture.

Choose <u>one</u> LEC section.

CRN: 11267	**Section** 001	LEC	**MW 1200 - 1350**	Chris Orum
CRN: 13080	**Section** 002	LEC	**MW 1000 - 1150**	Mary Beisiegel
CRN: 13729	**Section** 003	LEC	**MW 800 - 950**	Sara Clark

This is the first term of the calculus sequence for scientists, engineers, and others, including mathematics majors. The first two terms of the sequence, MTH 251 and MTH 252, focus on real-valued functions of a single real variable, including polynomial, rational, algebraic, trigonometric, exponential, and logarithmic functions. Differential calculus involves the study of rate of change in all its forms, including velocity, acceleration, population growth and other natural and physical phenomena. Differential calculus features the derivative, techniques of differentiation, and applications of the derivative, including optimization problems, the geometry of curves, and analysis of motion. This course emphasizes geometric reasoning not just computation. PREREQS: MTH 112 or MTH 150X. Sufficent test scores may waive MTH 112 PREREQ. **Course Fee $10. Satisfies: HC BaccCore** - **Mathematics**

PAC 325H *Wilderness First Aid*

1 HC Credit(s)

CRN: 20151 **Section** 002 ACT **W 1400 - 1550**
Required all-day "Wild Day" Saturday 11/4/23

Instructor(s): Sheila Evans

Crunch! Uhg… Ouch! Do you recreate with accident-prone friends or family? Do you spend any time playing the outdoors? Knowing the fundamentals of emergency care in non-urban environments are useful skills. Backcountry emphasis with long-term care and evacuation complications makes this course unique. There will be a number of outdoor sessions so come prepared with “grubby” clothes that will get dirty or fake-bloody. The course has two components: knowledge as evidenced by performance on written exams and quizzes and practical skills as demonstrated throughout the course and on the final exam.
This course covers the fundamentals of emergency care in a non-urban environment, including physiology, injury assessment, short term care, anatomy, and small group rescues. While much of the material appears to be standard emergency care information, the backcountry emphasis with long-term care and evacuation complications makes this course unique. **Required all-day "Wild Day" Saturday 11/4/23. Course Fee: $197. Satisfies: HC BaccCore** - **Fitness**

PH 212H *General Physics with Calculus*

4 HC Credit(s)

Register for the LEC, the STU, and choose one LAB

CRN: 15171	**Section** 001	LEC	**MF 1300 - 1350**
CRN: 17843	**Section** 002	STU	**W 1200 - 1350**
CRN: 15172	**Section** 010	LAB	**T 1600 - 1750**
CRN: 15173	**Section** 020	LAB	**T 800 - 950**

Instructor(s): Yangqiuting (Doris) Li

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: PH 211/211H. **Satisfies: HC BaccCore** - **Physical Sciences**

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

3 HC Credit(s)

Register for the PHL section or the REL section, not both.

PHL 443H CRN: 20034	**Section** 001	LEC	**MW 800 - 920**
REL 443H CRN: 20035	**Section** 001	LEC	**MW 800 - 920**

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. **Satisfies: HC BaccCore** - **Science, Technology, Society**

PHL/REL 444H Biomedical Ethics

4 HC Credit(s)

Register for the PHL section or the REL section, not both.

PHL 444H CRN: 12553	**Section** 001	LEC	**MW 1600 - 1750**
REL 444H CRN: 13587	**Section** 001	LEC	**MW 1600 - 1750**

Instructor(s): Alicia Patterson

In this class, we will cover ethical principles and decision-making processes to selected problems in medicine, health care, and biotechnology. Special attention given to end-of-life choices, reproductive rights and technologies, organ transplantation, research ethics, genetic engineering, and allocating scarce resources. An interdisciplinary focus that draws on social, legal, economic, and scientific issues in ethical decision in medicine. **Satisfies: HC BaccCore** - **Science, Technology, Society**

PSY 201H General Psychology

4 HC Credit(s)

CRN: 15708	**Section** 001	LEC	**TR 1400 - 1550**

Instructor(s): Juan Hu

Scientific study of behavior and experience. Neuroscience; sensation and perception; conditioning, learning and memory; thinking, problem solving, language, intelligence, and consciousness. **Satisfies: HC BaccCore** - **Social Processes & Institutions**

REL/PHL 443H World Views and Environmental Values

3 HC Credit(s)

Register for the PHL section or the REL section, not both.

PHL 443H CRN: 20034	**Section** 001	LEC	**MW 800 - 920**
REL 443H CRN: 20035	**Section** 001	LEC	**MW 800 - 920**

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WR 121HZ English Composition

4 HC Credit(s)

Choose <u>one</u> LEC section.

CRN: 19383	**Section** 001	LEC	**TR 1000 - 1150**	Liz Delf
CRN: 19384	**Section** 002	LEC	**TR 1200 - 1350**	Liz Delf
CRN: 19385	**Section** 003	LEC	**TR 1400 - 1550**	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 121HZ is not restricted by last name.** **Satisfies: HC BaccCore** - **Writing I**

WR 227HZ Technical Writing

4 HC Credit(s)

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

CRN: 19765 **Section** 400 ONLN **-- -- - --**

Instructor(s): Emily Elbom

Introduces students to producing instructive, informative, and persuasive technical/professional documents aimed at well-defined and achievable outcomes. Focuses on presenting information using rhetorically appropriate style, design, vocabulary, structure, and visuals. Gathers, reads, and analyzes information and learns a variety of strategies for producing accessible, usable, reader-centered deliverable documents that are clear, concise, and ethical. **This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.** PREREQS: WR 121/121H or WR 121Z/121HZ **Satisfies: HC BaccCore** - **Writing II**

Fall 2023 Corvallis HC Colloquia

HC 299 Farside Entomology — 2 HC Credit(s)

CRN: 12597 **Section** 001 SEM **W 1800 - 1950**

Instructor(s): Michael Burgett & Andony Melathopoulos

Farside Entomology is designed to introduce you to the humanistic side of entomology by utilizing the entomological humor of Gary Larson, et alia as paradigms of human-insect interactions. Interactions between humans and insects are numerous, of variable time scales and of varying implications (for both the human and the insect), ranging from the mildly humorous to the deadly serious. The "cartoon" format provides an anthropomorphic view of insects. This can be an incredibly rich venue as an introduction to the more serious aspects of insects and their relevance to human activities. **Satisfies: HC Colloquia**

HC 299 Internationalize Your HC Experience — 1 HC Credit(s)

CRN: 14253 **Section** 002 SEM **R 1500 - 1550**

Instructor(s): David Kovac

Learn about the benefits of "internationalizing" your OSU education and your Honors College experience. This colloquium will help you explore options such as faculty-led study abroad programs, international service experiences, the International Studies Undergraduate Major, and the Global Development Studies minor. Melding these opportunities into your Honors College experience will require some thought and planning, and this course is designed to help you discover which opportunities will best supplement and complement your HC and OSU experience as we prepare for a more globally connected future. **Satisfies: HC Colloquia**

HC 299 Designing Sustainable Behaviors — 1 HC Credit(s)

CRN: 17722 **Section** 004 SEM **T 1500 - 1550**

Instructor(s): Deann Garcia

To move societies toward a sustainable future, behavior changes must happen at both the institutional and individual level. This course examines the leverage points that can be used to trigger desired changes in behavior through personal values alignment, in order to design effective communication action plans. Using design thinking, behavior-centered and persuasive design, and the social sciences, this course examines strategies for identifying resistance and motivators that cause people to perform desired sustainable behaviors. This project-based class will walk students through inspiring frameworks for design to build marketing and communication campaigns which will be pitched back to the class for feedback, and, ultimately, the selection of a winning integrated campaign. **Graded: P/N. Satisfies: HC Colloquia**

HC 299 Career Decision Making — 2 HC Credit(s)

CRN: 19659 **Section** 005 SEM **TR 1200 - 1250**

Instructor(s): LeeAnn Baker

This course is designed to support you in identifying the ways in which you want to make a difference in the world considering your unique gifts. This exploration should be a fun and exciting process that provides you with opportunities to be challenged and grow. You will start identifying opportunities and possibilities that will move you closer to achieving your dreams. In this class, you will be expected to reflect on your strengths and interests to identify future goals worth pursuing. You will examine how your personal and professional identities are connected to larger communities and practice communicating your needs and talents with both classmates and professionals. Throughout this course, you will begin building the tools to work toward a life that matches your vision of success in personal, educational, and career spheres. **Satisfies: HC Colloquia**

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

HC 407 Writing About Music

2 HC Credit(s)

CRN: 14016 **Section** 001 SEM **MW 1300 - 1350**

Instructor(s): Kimary Fick

Can music hold meaning? How do you convey music's power through words? What makes performances good or bad? In this course, students will explore ways to communicate about music meaningfully to an audience through a variety of genres (analysis, critique, VLOG) and analytical approaches used in writing about music. For example, students will explore approaches to uncovering meaning in music, examine the language of music criticism of live concerts and various media, and trace the reception of specific musical works to understanding shifting values through music criticism. This course will examine diverse styles of music—from classical to popular to jazz—as directed by the students' interests. You do not have to have previous musical training to be successful in this course. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Banned Books: Censorship, Free Speech, and Literature, Then and Now

1 HC Credit(s)

CRN: 19663 **Section** 002 SEM **T 900 - 950**

Instructor(s): Evan Gottlieb

With state legislatures around the country considering – and in some cases, already passing -- increasingly restrictive laws governing what instructors can teach or even say in their classrooms, understanding both the past and present of censorship is more important than ever. In the first half of the seminar, we'll explore this subject historically by tracking the evolution of the social, political, and religious justifications for banning books (and for limiting speech more generally); this will involve examining some of the key legal documents and court cases that have shaped the history of censorship in the Anglo-American world. In the course's second half, we'll focus on the contemporary state of censorship in the USA, in particular taking a deep dive into the motivations, actions, and targets of the growing "parents' rights" movement that encourages challenging and banning books (and sometimes entire subjects) in public classrooms and libraries. **Satisfies: HC Colloquia**

HC 407 Leadership and Positive Psychology

2 HC Credit(s)

CRN: 12723 **Section** 003 SEM **M 1000 - 1150**

Instructor(s): Don Johnson

Leadership and Positive Psychology is an examination of how optimism and wellbeing will enhance individual leadership abilities, for the leader, the team, and those affected by actions taken.
The seminar is based on for case studies seeking solutions, along with in-depth class discussions on each topic.
Leadership - will be defined as a solution to something.
Positive Psychology will be based on the PERMA theory created by Martin Seligman at the University of Pennsylvania, which focuses on elements supporting the well being of individuals and groups.
Leadership coming from an environment of optimism and wellbeing is more likely to create solutions which are effective and can stand the trial of time. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Creative Practice*

2 HC Credit(s)

CRN: 17711 **Section** 004 HYB **R 1000 - 1150**
Meets weeks 0, 1, 3, 5, 7, and 9 only.

Instructor(s): Thomas Bahde

This course provides a for-credit 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. **Meets weeks 0, 1, 3, 5, 7, and 9 only. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Creative Writing in Nature*

2 HC Credit(s)

CRN: 17712 **Section** 005 SEM **F 900 - 950**
Two required all-day field trips: 10/21/23 and 11/18/23

Instructor(s): Jeff Fearnside

Class participants explore nature—both around them, in Oregon's beautiful natural environment, and within them, through thoughts, associations, and memories—as a catalyst for writing original works of fiction, poetry, and creative nonfiction. Short readings in all three genres provide context for writing exercises based on specific prompts, a nature journal, and two longer creative projects. Special emphasis is on experiential opportunities found in various field trips both locally and further away, including student-led interactions with resident naturalists and other expert guides. **Two required all-day field trips: 10/21/23 and 11/4/23. Course Fee: $33. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *The Science of Art/The Art of Science*

1 HC Credit(s)

CRN: 12724 **Section** 006 SEM **R 1000 - 1050**

Instructor(s): Randall Milstein

What do ballerinas and spiral galaxies have in common? Why is photography one of the pivotal inventions of human history? Is the Golden Ratio really a mathematical expression of beauty? This colloquium challenges the mindset that science and art are opposing endeavors, and instead suggests neither would be as powerful without the other since both require great imagination and creativity to be productive and move humankind forward. **Course Fee: $33. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Bob Dylan and the 1960s*

1 HC Credit(s)

CRN: 19664 **Section** 007 SEM **W 1500 - 1550**

Instructor(s): Robert Santelli

Bob Dylan and the 1960s explores the music and legacy of Bob Dylan during one of America's most turbulent decades. Some of Dylan's greatest social and political protest music was written and recorded during the 1960s, leading him to be called "the spokesman of his generation." This colloquium examines Dylan's major work from the decade and his influence on American youth culture. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Crises, Catastrophes, and Cataclysms: It's all fun and games until your planet blows up.*

1 HC Credit(s)

CRN: 12725 **Section** 008 SEM **R 1300 - 1350**

Instructor(s): Randall Milstein

Often Earth has a bad day: discussions of asteroid impacts, extreme volcanism, solar storms, climate change, and mass extinctions – events and outcomes that have, and will, alter life on Earth. This colloquium will review the scientific evidence, scenarios, and after-effects of significant Earth altering processes. What would happen if Earth were struck by a two kilometer in diameter asteroid? What would happen to American culture if a large coronal mass ejection from the Sun destroyed our power grid? What would be the byproduct of a SARS, Ebola, or COVID-19 pandemic among humans? **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Learn to Love Your Lying Eyes (and Brain)*

2 HC Credit(s)

CRN: 17713 **Section** 009 SEM **W 1400 - 1550**

Instructor(s): Kenton Hokanson

We humans can pick a single voice out of a noisy room, instantly recognize a childhood friend, and esaliy raed mespesilld wrods. Our brains are amazing! Why, then, was the world briefly paralyzed in 2015, when we couldn't even agree whether "The Dress" was white and gold or blue and black? The answer is that our brains are messy, complicated machines, remarkably good at many things, but easily fooled by others. In this class, we will explore sensory illusions that reveal the limits of our brains, then discuss research in neuroscience and psychology that helps explain our experiences. We will practice analyzing and creating scientific writing, and presenting it to peers. Finally, we will reflect on how our knowledge of our brains' imperfections can inform our approach to the debates and challenges of society today. This course will be a fun and active introduction to our human brains. It assumes no previous neuroscience or biology coursework. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Body Horror*

2 HC Credit(s)

CRN: 19665 **Section** 010 SEM **F 1000 - 1150**

Instructor(s): Sam Logan

Prepare to enter the soupy-goopy, gushy-slushy, grimy-slimy world of body horror. Body horror is a subgenre that involves the transformation, degradation, destruction, manipulation, hostile takeover, or attack from creepy-crawlies of the human body. Body horror is gross and disgusting, consider yourself warned. Sounds fun, right?! It is! Or at least, it can be. Body horror can be campy or a means to explore deeper themes such as identity, gender, disability, technology, biology, and bodily autonomy. This course holds that all bodies are valued and will be mindful to discuss ableist tropes in the genre. This course will take a historical perspective to body horror through film focusing on classics of the genre from its origins (Frankenstein, 1931) and focusing on the 1980s (The Stuff, 1985; The Fly, 1986; Hellraiser, 1987; The Blob, 1988). This course will take a contemporary perspective through short fiction centered on underrepresented perspectives, with an emphasis on queer sources such as Bound in Flesh: An Anthology of Trans Body Horror. Students will complete two final writing projects including one individual and one group project about body horror such as an original short story, a non-fiction commentary, screenplay, zine, or related format. Students' individual and group writing projects will be compiled into an anthology (i.e. collected works). Students will participate in the design, creation, distribution strategy, and launch event of the anthology. This course will be taught with punk pedagogy principles including a do-it-yourself ethos, anti-hierarchical structure, co-creation of knowledge, inclusive and accessible learning space, and diversity, equity, and inclusion. The instructor is a white, straight, able-bodied, cis-gender man/male who does not have expertise in body horror. We will learn from each other through our shared experience with body horror course materials. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Community Outreach through Cross-Disciplinary Collaboration and Innovation*

2 HC Credit(s)

CRN: 19666 **Section** 011 SEM **T 1000 - 1150**

Instructor(s): Siew Sun Wong & Candace Russo

This is an experiential learning course that is designed to grow your creativity and kindness in the humanities. Imagine yourself learning by doing -- working harmoniously, creatively and effectively in a cross-disciplinary team of students to serve the community. You develop skills to co-design, investigate, improve, and implement innovative solutions that add value to one of these community outreach programs:
1) Mobile Teaching Kitchen – a mobile classroom that offers cooking improvisation classes to adolescents, adults and families with children who live in transitional housing. Improve teaching and learning, evaluate outcome, communicate impacts and needs, or prototype an off-grid mobile classroom.
2) Hope Grows Here – a six-month mentoring program for cancer survivors to live a healthy lifestyle through gardening and nutrition education with support from OSU Master Gardeners and Samaritan Cancer Resource Centers. Improve teaching and learning, communicate impacts and needs, enhance partner collaborations, or design therapeutic garden activities.
Come connect your knowledge, skills, passion, purpose and vision to community outreach in ethical, practical, meaningful, and transformative ways. **There will be a required field trip that will occur during the regularly-scheduled class meeting hours. Course Fee: $7. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Selected Writings of CS Lewis*

2 HC Credit(s)

CRN: 16558 **Section** 012 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 of this class will consist of discussion based on selected readings from four well-known books of C. S. Lewis. Discussion 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 8-10 pages based on the assigned reading for the course. The paper topic is '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. The course will be offered on a Pass/No-pass basis. Attendance will be taken. Students who are absent more than twice without compelling reasons will be given an N/P. An acceptable paper written in literate English is required for a passing grade. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Punk 101: An exploration of punk rock through zine and do-it-yourself culture*

2 HC Credit(s)

CRN: 17714 **Section** 013 SEM **T 1200 - 1350**

Instructor(s): Sam Logan

Punk rock! Zines! This is an "ears-on" and "hands-on" course that will explore punk rock through its do-it-yourself (DIY) culture, including zines. Each week, students will listen to a customized playlist of different punk bands and read a related fanzine. In class, we will listen to selected tracks and discuss the fanzine. Additional course material will include documentaries, podcasts, and guest speakers. In the lab, students will (1) build a DIY electronic circuit synthesizer/noisemaker (kit provided) and create their own original sound file; and (2) create their own fanzine about any topic of their choice. Zines are DIY, low-cost, non-commercial pamphlets created by enthusiasts of a particular topic to share their interests with others. Zines have historical roots in science fiction, punk rock, and activism of under-represented groups and may include text or images in any form, such as illustrations, graphic design, or any other element the creator deems fit. Students will have access to a 3D printer to enhance their zine, if interested. There is only one rule, there are no rules! Selection of punk bands, zines, and related course content will be centered on under-represented groups through a diversity, equity, and inclusion lens. Absolutely NO previous experience of any kind required! Punk, zines, and DIY culture is meant to be accessible to ALL. This course is about doing and creating something. This course WILL NOT be taught by an expert in any of these topics. We will co-create our course experience and learn from each other. Turn your stereo volume up to 11! **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *In The Beginning: When Science Meets Religion*

2 HC Credit(s)

CRN: 17715 **Section** 014 SEM **F 1200 - 1350**

Instructor(s): Luke Painter

Explore interactions and conflicts between science and religious beliefs. Understand why conflicts arise and how they might be resolved. Debates about the origins and meaning of life and the universe have been important in history, and continue to influence the modern world. Does science rule out a creator god? Is evolution necessarily anti-religion or anti-Christian? Why do people believe what they believe? What is a spiritual experience? Does science have anything useful to say about religion or religious experiences? **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Costuming Superheroes*

1 HC Credit(s)

CRN: 19667 **Section** 015 SEM **F 1200 - 1250**

Instructor(s): DeMara Cabrera

In the famous words of Edna Mode, “No capes!” An essential part to any superhero’s persona is their costume. We will examine many aspects of superhero costumes— from the use of color and design elements to the aesthetics and uses of weapons and accessories (even capes). We will compare film montages of “sewing” superhero costumes to actual materials and techniques used in costumes and cosplay. Students will have the opportunity to analyze the evolution of iconic costumes (like the Batsuit) or design their own superhero costume, using information learned in the class. No previous design or costuming experience necessary. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *The Truth Is Out There: The Rise of Conspiracy Theories* 2 HC Credit(s)

CRN: 16281 **Section** 016 SEM **M 1000 - 1150**

Instructor(s): Robert Drummond

According to a recent study cited in the Washington Post, more than 50% of Americans believe in at least one conspiracy theory. Why this is true, and how it currently shapes much of our cultural and political landscape, will be our focus in this course. We will pose ourselves not as conspiracy theorists but as conspiracy analysts (to paraphrase Gore Vidal), investigating humankind's fascination with sinister plots and paranoid fantasies past and present. As we seek patterns across conspiracies, we'll consider the almost-true and the wildly outrageous alike, and ask ourselves when conspiracy theories stop being fun and start feeling dangerous. Our term-long goal will be to make connections, define common traits, and explore what makes conditions ripe for conspiracy theorists to run rampant. Students will complete two projects during the term: Teach A Conspiracy, and Make A Conspiracy. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Earning Your Wings: Private Pilot Ground School* 2 HC Credit(s)

CRN: 17716 **Section** 017 SEM **W 1400 - 1550**

Instructor(s): Vincent Remcho

Learning to fly is something that many of us dream of yet few of us capitalize on. As of the end of 2017, there were an estimated 609,000 active, certificated pilots in the US: of the US population of 327 million people, fewer than 0.2% are pilots! Regardless of whether your drive to learn more about aviation and/or become a pilot is purely for enjoyment, for personal travel, or to lead to a career, the process starts in the same way for all of us: with ground school. This course will equip you to take and pass the FAA's Private Pilot Written Exam, indicating that you have completed ground school. Your next step would be to start flight training, which you can do locally with the Oregon State Flying Club if you choose. Class will meet once per week for two hours, and you will have 1-2 hours of additional online work to do on your own schedule, consisting of some reading, practice problems, and video tutorials. Class time will be invested in presentation of key aviation, navigation, and communication topics with discussion. In week 8 or 9 you will take a practice FAA written exam to demonstrate your preparedness to register to take the actual test in an FAA testing center locally. (Taking the FAA written is not required to pass the class.) **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Visual Culture and the Meaning Behind Images* 2 HC Credit(s)

CRN: 16276 **Section** 018 SEM **MW 1100 - 1150**

Instructor(s): Daniele Di Lodovico

We live in a culture dominated by images and while we are always able to see them, often time we miss the chance to really understand how these images work and why they have the power to significantly modify our behavior and affect our lives. This course explores the dynamic behind the significance of images and how they create the meaning that influence and shape our perspective on society and life.
Students will have the chance to build the critical skills to analyze and comprehend how an image creates meaning and establishes different range of human responses. Each week we will explore a topic related to visual culture with an interdisciplinary approach that will include elements of art history, visual studies, philosophy, anthropology, photography, advertisement and social media studies. Course activity will entail active interpretation of images and student lead discussions. All students, will become independent critical thinkers and they will build the ability to analyze images in original and analytical way, based and contextual and visual evidence. **Graded: P/N. Satisfies: HC Colloquia**

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

CRN: 13711 **Section** 019 SEM **T 1000 - 1050**

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. We discuss and view 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 Difficult Conversations: Participating in and Leading Group Dialogues 2 HC Credit(s)

CRN: 19668 **Section** 020 SEM **T 1200 - 1350**

Instructor(s): Eliza Barstow

This course aims to help students both participate in and also design and lead conversations about difficult topics. The objectives include helping participants speak (and listen!) across divides and learn from people with different perspectives. Students will learn to cultivate listening skills, to be mindful and respectful of diverse identities and perspectives, be thoughtful about word choice, and to ask questions that invite dialogue. Each student will as part of a pair to select a topic and lead a group conversation during one of our class sessions. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 How to Keep Your Pet Dinosaur Alive: Ethics and Petkeeping 1 HC Credit(s)

CRN: 19669 **Section** 021 SEM **R 1200 - 1250**
Required all day field trip Saturday 10/14/23

Instructor(s): Rebekah Sinclair

This class explores the ethical issues that emerge in the context of the multi-species bonds humans form with the animals we call pets. Unlike creatures we put to work for us, pets are beings we keep purely for the joy of living in their company. Since the emergence of our species, Homo sapiens have had cooperative and companionship relations with all kinds of creatures, from dinosaurs (like chickens, parrots, pigeons) to canids (dogs, wolves, foxes), to cats, rats, spiders, lizards, snakes, etc. You'd be hard pressed to find a creature we've not tried to adopt, name, and cuddle with. But how do we live well with these radically different beings? How do they communicate their unique needs, are we able to really listen, and is this relationship always beneficial for both parties?
This class will ask broader philosophical questions around human-animal relations, and specific questions about Homo sapiens are not the only species to keep "pets"; but it's distinct enough that it's worth exploring what this tendency says about our species, systems, and societies. We will look at the history of pet-keeping and explore some particularly fascinating examples. We will look at trends in pet keeping (like the recent popularity of jumping spiders) and how such trends can both help and harm animal welfare. We'll look at the ethics of captivity for different species; various pet trade issues and breeding programs; the ethics of what we should feed our pets; how to help them live and die well; which training philosophies might be most ethical and why. We will look at how moral issues in pet-keeping overlap with issues of racism, sexism, colonialism, ageism, and poverty, and we'll look at how structures of ownership vs. companionship impact welfare for all species, not just those we keep as pets. In this class, we'll not only explore broader philosophical questions around human-animal relations; we'll seek out concrete tools to improve our relations with these kin we live with. **Required field trip, Saturday 10/14/23. Course Fee: $8. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Plastics For Poets (P4P)*

2 HC Credit(s)

CRN: 18310 **Section** 022 SEM **R 1600 - 1750**

Instructor(s): Skip Rochefort

In one of the most memorable scenes from the 1967 movie classic "The Graduate", Ben (Dustin Hoffman) is given an invaluable piece of advice by Mr. McGuire, one of his father's oldest friends:
Mr. McG: Ben, come with me for a minute. I want to talk to you. I just want to say one word to you. Just one word.
Ben: Yes sir
Mr. McG: Are you listening?
Ben: Yes, I am sir.
Mr. McG: PLASTICS!
Ben: Exactly how do you mean?
Mr. McG: There's a great future in PLASTICS. Think about it. Will you think about it?
Ben: Yes, I will sir.
And indeed they WERE the future and still are a major part of the present! Plastics are everywhere. We can't live without them. The big question is HOW can we live WITH them? The first step is a basic understanding of PLASTICS, one of the most complicated, misunderstood, and important materials in our daily lives. **Satisfies: HC Colloquia**

HC 407 *Biomimicry: The Design of Nature and the Nature of Design*

1 HC Credit(s)

CRN: 17718 **Section** 023 SEM **W 1200 - 1250**
Meets weeks 1, 3, 5, 7, and 9 only
Required field trip 10/14/23

Instructor(s): Shanna Ruyle

Spend time in nature to discover how nature can help solve your design challenges and how you can find inspiration in what it has to offer. At William L. Finley National Wildlife Refuge south of Corvallis, spend the day learning how to collaborate with nature through the Biomimicry design process. Gain skills in how to find opportunities for your toughest (or most interesting) design challenges. After learning in and with nature, complete the course with a design concept based on what you learned or a challenge you seek to solve. **Meets weeks 1, 3, 5, 7, and 9 only. Required field trip 10/14/23. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Illegitimate Music: Improvisation and Original Instrumentation*

2 HC Credit(s)

CRN: 16282 **Section** 024 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 compose and 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 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 Introduction to Letterpress Printing 1 HC Credit(s)

CRN: 19734 **Section** 025 SEM **W 1700 - 1850**
Meets weeks 1-5 only

Instructor(s): Karen Holmberg

This 1 credit, 2-day course introduces students to the basic techniques of letterpress printing. During the intensive (providing 10 hours of instruction), students will learn basic history and terminology of moveable type and letterpress printing; introductory design skills using typefaces, spacing, and ornaments; hand type-setting; how to proof and correct; operation of the proofing press and demonstration of the Chandler and Price hand press. In addition to creating an original printed broadside, students will be required to complete one additional printing project during the term. This course allows students to have supervised access to the Moreland Letterpress Studio during its open hours for the entire term. **Meets weeks 1-5 only. Satisfies: HC Colloquia**

HC 407 The Mystery of Consciousness 1 HC Credit(s)

CRN: 17720 **Section** 026 SEM **F 1400 - 1450**

Instructor(s): Albert Stetz

Think of all your loves and desires, all your memories and everything that makes you a unique individual existing through time. All this arises from your brain, three pounds of wrinkled grey meat. Operating a full capacity, it consumes about 12 watts of power, as much as a dim light bulb. How is this possible? The short answer is that we just don't know. Part of the problem is the brain's vast complexity. We have as many neurons as there are stars in the galaxy, as many dendrites as there are leaves on all the trees in the Amazon rain forest. There are some promising lines of investigation however. We understand the physiology of neurons and know, at least in outline how vision comes about. There are computers with the architecture of neural nets than can perform some of the tasks of human intelligence. Functional MRI allows us to "see" where various thought processes take place in the brain. Philosophers have wrestled with the mystery of consciousness at least since Descartes in the 17th century. They have shown us, if nothing else, how subtle and difficult it is. **Satisfies: HC Colloquia**

HC 407 Exploring the History of Commerce through Board Games 2 HC Credit(s)

CRN: 16275 **Section** 027 SEM **T 1600 - 1750**

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 What Is Creativity?

2 HC Credit(s)

CRN: 15692 **Section** 028 SEM **W 1600 - 1750**

Instructor(s): Jeremy Townley

When we think about creativity, most of us privilege art: painting, sculpture, literature, and film. If we think a little harder, we might include dance, opera, photography, symphonic music, and theater, among other highbrow art forms. Yet why do we usually confine notions of creativity to the fine arts? Don't popular art (graphic novels, Hollywood movies, pop music, public graffiti-murals), not to mention other domains (architecture, computer science, engineering, math, physics), demand similar types of creativity? Is it possible to generalize patterns of thought and/or behavior from one creative endeavor to another? We will explore these and other questions through readings and films by creative practitioners and scholars, short written reflections, small-group and class discussions, informal presentations, a short synthesis essay, and a final creative project. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 Sensors in the Wild: Ocean

2 HC Credit(s)

CRN: 17721 **Section** 029 SEM **F 1400 - 1550**
Meets weeks 1, 2, 3, and 5 only
Required weekend field trip 10/28 - 10/29

Instructor(s): Matt Johnston & Meagan Wengrove

The colloquium will focus on building, testing, and deploying a floating sensor module for measuring ocean temperature, location, and other factors. Students will learn about
the basics of sensor design, signal processing, and get a chance to deploy their sensors as marine drifters in the field near the OSU Hatfield Marine Science Center in Newport, OR. The course will be offered on campus in Corvallis, along with a field trip to Hatfield where students will 1) be introduced to the facilities at Hatfield and tour the new Marine Studies Building that doubles
at a tsunami evacuation structure, 2) use the new Innovation Lab in the Marine Studies Building for assembling their sensors, 3) deploy their sensors in the field and collect their own data to process. **Meets weeks 1, 2, 3, and 5 only. Required weekend field trip 10/28 - 10/29. Course Fee: $73. Graded: P/N. Satisfies: HC Colloquia**

HC 407 Psychology of Personal Excellence

2 HC Credit(s)

CRN: 19670 **Section** 030 SEM **F 800 - 950**

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

HC 407 *Enchanted Objects: Magic, Data, & Design*

2 HC Credit(s)

CRN: 16900 **Section** 031 SEM **F 1400 - 1550**

Instructor(s): Chet Udell

From Harry Potter to Hunger Games, magical objects are not only ubiquitous in our popular culture, but have also fundamentally transformed the products we use and the things we can do in daily life. Shoes keep track of how far and fast we run, watches detect when their bearer has heart trouble, and you can click your heels three times (to send an emergency call to your phone) to get out of a meeting or bad date. While technologies and the words we use to describe them may evolve, our desire to acquire objects that augment our capacities to gain knowledge, communicate, protect, and create have remained largely consistent throughout recorded history and across cultural barriers. You will explore these ideas through experiential hands-on projects using plug and play wireless sensors to build your very own enchanted objects that interact with the seemingly magical digital world around us. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Gender, Sexual Politics, and Music: Case Studies in Musical Identity and Representation*

1 HC Credit(s)

CRN: 14474 **Section** 032 SEM **M 1400 - 1550**
Meets weeks 1-5 only

Instructor(s): Kimary Fick

This course aims to participate in the discourse on the inequity and discrimination experienced by women and members of the LBGTQ community in music. Students will examine key literature in music and gender studies that identifies theories, methodologies, and key concepts. Each weekly meeting will be devoted to applying these methods through case studies across the history of western music to today. Topics include an examination of the different cultural conditions in which women made music, the influence of women on the musical world and the surviving canon, music and identity formation, and representations of women and sexuality both on the historical stage and in contemporary popular music. Through this course students will develop a deep understanding of issues surrounding gender and music studies and form a personal viewpoint on addressing these topics as related to modern culture and society. **Meets Weeks 1-5 only. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Seeds: Food, Culture & Controversy*

1 HC Credit(s)

CRN: 19671 **Section** 033 SEM **M 1200 - 1350**
Meets weeks 1-5 only

Instructor(s): Deanna Lloyd

Seeds are living beings who grow into the plants that feed, clothe, and shelter us and other creatures. Culturally, seeds are part of important dishes, are associated with deities, used for celebration and exchange, and also recognized as relations. Seeds are also mired in controversy about their rights, ownership, and the policies that related to them. As a class, we will partner with community members to learn about the different roles and issues surrounding seeds while going on field trips to learn how to plant, harvest, thresh, sort, process, eat, and create with seeds. **Meets weeks 1-5 only. There will be 3 required field trips, all occurring within the regularly scheduled class meeting times. Satisfies: HC Colloquia**

HC 407 Disruptive Innovation 1 HC Credit(s)

CRN: 14189 **Section** 034 SEM **M 1400 - 1550**
Meets weeks 1-5 only

Instructor(s): Dave King

Creativity and innovation are the foundation of virtually all new and successful ideas. However, truly disruptive innovations—ideas that alter the status quo and take us in a new direction—require some understanding of what is disruptive (and what is not) and how to harness it. Working from the basic disruptive innovation concepts developed by Clayton Christensen of the Harvard Business School, this seminar takes a hands-on approach to developing ideas that will actually change things. This will be a flipped class in which most of the new information is available for review in advance of the class session as articles and videos available online. Class time will include primarily discussion and learner interaction. Class sessions 4 and 5 will focus on preparing for and presenting your proposed disruptive innovation. **Meets weeks 1-5 only. Graded: P/N. Satisfies: HC Colloquia**

HC 407 Storytelling 2 HC Credit(s)

CRN: 19672 **Section** 035 SEM **W 1200 - 1350**

Instructor(s): Jeremy Townley

Storytelling plays a central role in our lives. From informal stories such as jokes and anecdotes to more refined narratives such as podcasts, movies, and video games, we are constantly creating and consuming stories of both fact and fiction. But why do we tell stories? What purposes do they serve? What different genres, forms, and media do we use to tell them? What can stories achieve that might not be possible in non-narrative modes such as analysis or lyricism? What are the essential elements and characteristics of stories? We will explore these and other questions through readings and films, short written reflections, small-group and class discussions, informal presentations, a brief personal history of storytelling, and a final narrative project. **Graded: P/N. Satisfies: HC Colloquia**

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

CRN: 19673 **Section** 036 SEM **R 1400 - 1550**

Instructor(s): Rebekah Sinclair

This is a pass/no pass class that I have designed to be fun, fast paced, and mind-bendy. We will not be answering any questions about VR. Instead, we'll be doing something way better: getting super good at asking trippy and deep question that get at the heart of theories of consciousness, the nature of experience, the boundary between the real and non-real, and how technologies influence or mirror our ethical inclinations. These questions include things like:

- What is "virtual" and what is "reality"? Is there a meaningful difference and if so, where does it lie?
- If every creature already augments reality according to their own perceptual criteria, do we really share one reality in the first place, or are we all in our own virtual spaces?
- How do I know I'm not in a simulation? How can I know for sure there are other minds?
- What aspects of "reality" get selected for, and which get excluded, when we're trying to make VR "more real," and what does this say about the way we already carve up reality?
- Would VR wearing cows be happier to die, or can VR stop us from wanting to eat cows in the first place?
- Can wearing VR give us access to how other beings experience the world? Is this usual morally or politically or ecologically?
- Does VR change and reshape or only mirror our existing ethical impulses?

In addition to readings, podcasts, and TV episodes, we'll also have guest visits by OSU's Virtual and Augmented Reality Club, and a VR game designer. Finally, we will take a fieldtrip to the CARVE lab on campus. **Graded: P/N. Satisfies: HC Colloquia**

HC 407 *What We Do With Nostalgia*

1 HC Credit(s)

CRN: 19674 **Section** 037 SEM **R 900 - 950**

Instructor(s): Beau Baca

It's hard to get away from the pervasive idea that there was once a simpler time when everything made sense and things were just plain better. Somehow, we messed everything up and lost it. But we know that's not true… right? What is nostalgia? How is nostalgia shaping your present decisions and your capacity to imagine different futures? Whose nostalgia is it?
In White Noise, a novel from the good old days, Don DeLillo writes, "I don't trust anybody's nostalgia but my own. Nostalgia is a product of dissatisfaction and rage. It´s a settling of grievances between the present and the past. The more powerful the nostalgia, the closer you come to violence. War is the form nostalgia takes when men are hard-pressed to say something good about their country."
So, maybe nostalgia isn't so harmless… Is it necessarily bad though? Are there ways in which nostalgia can be productive? We'll define nostalgia, leaning on writers like Walter Benjamin, and Svetlana Boym. And we'll look at instances of nostalgia in popular culture. We will also look at the ways nostalgic ideas influence different fields… ecology, politics, diet, design, and so on, and ultimately try to figure out what to do about our relationship with nostalgia, if anything.
Graded: P/N. Satisfies: HC Colloquia

HC 407 *How to Be Less Wrong: a Course in Common Misconceptions*

2 HC Credit(s)

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

CRN: 19676 **Section** 401 ONLN **-- -- - --**

Instructor(s): Andrew (Andy) Olstad

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! **This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins. Graded: P/N. Satisfies: HC Colloquia**

HC 407 *Philosophy and Happiness* 2 HC Credit(s)

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

CRN: 19677 **Section** 402 ONLN **-- -- - --**

Instructor(s): Marta Kunecka

In this course we will immerse in the wisdom of some of the greatest philosophers, and search for answers which can become guidelines for life. By closely examining the thought of a few chosen Western and Eastern thinkers as well as analysis of studies emerging from the field of positive psychology, we will explore and brainstorm different ideas of happiness in order to find its essence. **This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins. Graded: P/N. Satisfies: HC Colloquia**

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

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

CRN: 19678 **Section** 403 ONLN **-- -- - --**

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! **This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins. Satisfies: HC Colloquia**

Fall 2023 Corvallis HC Electives

BA 160H *B-Engaged*

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: 13714	**Section** 020	LEC	**TR 1100 - 1150**	Amy Neuman
CRN: 13713	**Section** 029	REC	**F 1100 - 1150**	Sandra Neubaum
CRN: 13716	**Section** 030	LEC	**TR 1300 - 1350**	Amy Neuman
CRN: 19207	**Section** 039	REC	**F 1300 - 1350**	Sandra Neubaum
CRN: 14036	**Section** 032	LEC	**TR 1400 - 1450**	Amy Neuman
CRN: 19207	**Section** 039	REC	**F 1300 - 1350**	Sandra Neubaum

Understand and accomplish college-level academic work and explore OSU resources and options that will enhance your college experience and success. Opportunity to connect with faculty and peers with common interests in a supportive learning environment. Recitation is common with non-honors (Recitation in this case is the main large meeting and the lectures are the small breakouts). **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 business students only. **Satisfies: HC Elective**

BA 211H *Financial 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: 13965	**Section** 001	LEC	**MW 0800 - 0950**

Instructor(s): Brandon Holbrook

Accounting information from the perspective of external users, principally investors and creditors. Emphasis on the preparation and interpretation of financial statements, income recognition and determination, and asset valuation. **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) OR Placement Test MPT(24) OR Placement Test MPAL(060). RESTRICTIONS: Business majors/minors only. Sophomore standing required. **Satisfies: HC Elective**

BA 352H *Managing Individual and Team Performance* 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: 15693 **Section** 001 LEC **MW 1000 - 1150**

Instructor(s): Qi Zhang

Diagnose individual and small-group behavior and develop skill in improving individual and small-group performance in entrepreneurial and established ventures. Emphasis on professional skill development and the practical application of theory and research. Concepts of ethics, diversity and cross-cultural relations are integrated throughout the course. **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 or WR 327H or HC 199). RESTRICTIONS: For Business majors/minors only. Minimum of junior standing required. **Satisfies: HC Elective**

BA 370H *Business Information Systems Overview* 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: 15695 **Section** 001 LEC **MW 1000 - 1150**

Instructor(s): Vipin Arora

Introduce students to the field of information management. Topics include information systems technology, the strategic role of IT, the business applications of networks, databases and Internet technologies, and the development and implementation of information systems. Use relational database models to design a real-world case study. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: BA 270/270H or BA 302. RESTRICTIONS: For Business majors/minors only. Minimum of junior standing required. **Satisfies: HC Elective**

BI 445H *Evolution* 3 HC Credit(s)

CRN: 14697 **Section** 001 LEC **TR 1400 - 1520**

Instructor(s): Mark Phillips

Formal analysis of genetic and ecological mechanisms producing evolutionary change; special topics include speciation, ecological constraints, adaptive radiations, paleontology, biogeography, the origin of life, molecular evolution, and human evolution. PREREQS: BI 311/311H. **Satisfies: HC Elective**

BIOE 331H *Biotransport I* 1 HC Credit(s)

Register for the LEC and the STU

CRN: 20015 **Section** 001 LEC **MW 1000 - 1050**

CRN: 20016 **Section** 010 STU **MW 1100 - 1150**

Instructor(s): Adam Higgins

Introduces the concepts of mass and fluid transport in the context of problems of interest in bioengineering. Emphasizes conceptual understanding of both microscopic and macroscopic mass and momentum transport with a focus on how these processes work in the body. **1 out of the 3 OSU credits earned counts toward Honors College requirements.** PREREQS: MTH 256/256H and (CBEE 212/212H or CBEE 280). **Satisfies: HC Elective**

CBEE 211H *Material Balances and Stoichiometry* 1 HC Credit(s)

Register for the LEC, the REC, and the STU

CRN: 12993	**Section** 010	LEC	**MF 1200 - 1250**
CRN: 12994	**Section** 011	REC	**W 1200 - 1250**
CRN: 12995	**Section** 012	STU	**W 1400 - 1450**

Instructor(s): Skip Rochefort

Material balances, thermophysical, and thermochemical calculations. Lecture and recitation common with non-honors. Studio is reserved for honors students only. Students must enroll in CBEE 211H lecture, recitation, and studio. **1 out of the 3 OSU credits earned counts toward Honors College requirements.** PREREQS: MTH 252/252H and general chemistry and second-year standing in engineering. **Satisfies: HC Elective**

CH 361H *Experimental Chemistry I* 3 HC Credit(s)

Register for the LEC and choose one LAB

CRN: 11263	**Section** 010	LEC	**M 1600 - 1650**	Addison Desnoyer
CRN: 11265	**Section** 012	LAB	**TR 1300 - 1620**	Amila Liyanage
CRN: 15176	**Section** 013	LAB	**WF 1200 - 1520**	Addison Desnoyer

First term of the integrated laboratory program for chemistry majors and biochemistry/biophysics majors, combining first hand techniques in organic, physical, and analytical chemistry. This is an advanced chemistry laboratory emphasizing organic chemistry techniques, use of instrumentation and computers, along with technical report writing. Students develop critical thinking skills and learn essential technical standards of: acidification, filtration, weighing, titration, recrystallization, melting point determination, organic synthesis of water sensitive compounds, product isolation, fractional distillation, gas chromatography, and scientific data analysis using spreadsheets. Each student will keep a legal scientific laboratory notebook and receive training in proper use of chemicals, chemical fume hoods, Personal Protective Equipment (PPE), and how to determine chemical hazards using Material Safety Data Sheets (MSDS). **Must contact Chemistry department to register. Course fee is non-refundable. Additional Supplies: https://beav.es/iAk** . PREREQ: (CH 221, CH 222, AND CH 223) OR (CH 224H, CH 225H, AND CH 226H) OR (CH 231/231H, CH 232/232H, CH 233/233H AND (CH 261/261H OR CH 271), (CH 262/262H OR 272), AND (CH 263/263H OR 273)) AND (MTH 251/251H AND (PH 201 OR PH 211) AND CH 334). MTH 251/251H, PH 201, PH 211/211H, and CH 334 can be taken concurrently. RESTRICTIONS: Only Chemistry, Biochemistry and Biophysics majors/minors/options may enroll. **Course Fee $44 (non-refundable). Satisfies: HC Elective**

CH 461H *Experimental Chemistry II*

3 HC Credit(s)

Register for the LEC and the LAB

CRN: 16696	**Section** 002	LEC	**WF 1100 - 1150**
CRN: 16697	**Section** 020	LAB	**WF 1200 - 1450**

Instructor(s): Dipankar Koley

Integrated laboratory for junior level chemistry majors and related disciplines concentrating on modern techniques in analytical chemistry. Students learn the basics of scientific instrumentation by building their own absorption and fluorescence spectrometers from electronic and optical modules. Firsthand experience is also gained using a variety of commercial instrumentation, such as diode array UV-Vis, scanning fluorimeter, HPLC, AA and ICPAES. Real samples are analyzed throughout the term, and a special project of the student's design is a final highlight. See the course web page for examples of past projects. **Contact the Chemistry department for registration.** PREREQS: CH 362/362H AND CH 421 AND CH 440. CH 421 and CH 440 can be taken simultaneously to this course. RESTRICTIONS: For chemistry majors/minors only. **Course Fee $44 (non-refundable). Satisfies: HC Elective**

CH 464H *Experimental Chemistry II*

3 HC Credit(s)

Register for the LEC and the LAB

CRN: 11266	**Section** 001	LEC	**MW 1300 - 1350**
CRN: 11405	**Section** 010	LAB	**MW 1400 - 1650**

Instructor(s): Staff TBD

Senior level integrated laboratory for chemistry majors and related disciplines such as biochemistry, physics, and engineering. Covers experimental techniques of analytical, organic, inorganic, and physical chemistry, with the emphasis on the latter two. **Contact the Chemistry department for registration.** PREREQS: CH 362/362H AND CH 442 (or approval of instructor). CH 442 can be taken concurrently. RESTRICTIONS: For chemistry majors/minors only. CH 461 or CH 324 are recommended. **Course Fee $44 (non-refundable). Satisfies: HC Elective**

CHE 331H *Transport Phenomena I*

-- HC Credit(s)

Register for the LEC and the STU

CRN: 13004	**Section** 010	LEC	**MWF 1300 - 1350**
CRN: 15677	**Section** 011	STU	**MF 1400 - 1450**

Instructor(s): Tala Navab-Daneshmand

Fundamentals and application of momentum and energy transfer phenomena to fluid flow for the design of industrial chemical engineering equipment. Lecture common with non-honors. Recitation is reserved for HC students only. **1 out of the 4 OSU credits earned counts toward Honors College requirements.** PREREQ: MTH 256/256H AND CBEE 212/212H. CBEE 212/212H can be taken concurrently. RESTRICTIONS: Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

CS 162H *Introduction to Computer Science II* 4 HC Credit(s)

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

CRN: 19716 **Section** 401 ONLN **-- -- - --**

Instructor(s): Tim Alcon

Provides an overview of the fundamental concepts of computer science. Studies basic data structures, computer programming techniques and application of software engineering principles. Introduces analysis of programs. **This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.** PREREQS: CS 161/161H, EECS 161, or ENGR 103/103H RESTRICTIONS: For Computer Science Majors only. **Satisfies: HC Elective**

CS 321H *Introduction to Theory of Computation* 3 HC Credit(s)

CRN: 14635 **Section** 001 LEC **MWF 1100 - 1150**

Instructor(s): Jiayu Xu

Survey of models of computation including finite automata, formal grammars, and Turing machines. PREREQS: 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**

CS 434H *Machine Learning and Data Mining* 4 HC Credit(s)

CRN: 17815 **Section** 001 LEC **TR 1000 - 1150**

Instructor(s): Weng-Keen Wong

Introduction to machine learning and data mining algorithms (supervised learning, unsupervised learning, and reinforcement learning) tools that are widely employed in industrial and research settings. PREREQS: CS 325/325H and (ST 314 or ECE 353). RESTRICTIONS: Must be enrolled in the College of Engineering. **Satisfies: HC Elective**

DSGN 341H *Design Thinking and Process Innovation* 4 HC Credit(s)

This course is shared with a section for COB Dean's Academy students
Honors students should register for section 100

CRN: 15749 **Section** 100 HYB **T 1200 - 1350**

Instructor(s): Andrea Marks

Application of a qualitative, multi-method approach to gain insight into how the consumer experience can be improved within a given context. Application of design thinking principles to identify and develop solutions to improve consumer experience within a given context. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 100.** Restrictions: For Apparel Design, Merchandising Management, Interior Design, and Design & Innovation Management students only. Minimum of junior standing required. **Satisfies: HC Elective**

ENGR 100H *The Oregon State Engineering Student*

3 HC Credit(s)

Choose one LEC and one of the associated STU sections

CRN: 16890	**Section** 010	LEC	**MF 900 - 950**	Toni Doolen & Wade Marcum

Specific class title for Sec 010: Learning From Failure: The Role of Engineering Failures on System Design

If you choose LEC sec 010, choose one of these STU sections:

CRN: 16895	**Section** 011	STU	**R 1000 - 1150**	Toni Doolen & Wade Marcum
CRN: 17989	**Section** 012	STU	**M 1000 - 1150**	Toni Doolen & Wade Marcum
CRN: 17990	**Section** 013	STU	**W 1400 - 1550**	Toni Doolen & Wade Marcum
CRN: 17991	**Section** 014	STU	**R 1200 - 1350**	Toni Doolen & Wade Marcum

CRN: 16891	**Section** 020	LEC	**MF 1300 - 1350**	Matthew Johnston

Specific class title for Sec 020: The Engineer's Toolbox: Invention, Design, Analysis, and Innovation

If you choose LEC sec 020, choose one of these STU sections:

CRN: 16892	**Section** 021	STU	**T 1400 - 1550**	Matthew Johnston
CRN: 17994	**Section** 022	STU	**W 1200 - 1350**	Matthew Johnston
CRN: 17995	**Section** 023	STU	**W 1800 - 1950**	Matthew Johnston
CRN: 17996	**Section** 024	STU	**R 1600 - 1750**	Matthew Johnston

Enables students to be successful both at Oregon State and in their engineering careers. Illustrates and uses effective teaming practices that account for social justice and equity. Analyzes professional codes of conduct and ethical practices in engineering professions through the lens of multidisciplinary and societally relevant engineering challenges. Develops critical thinking skills to collaboratively identify engineering problems and to articulate possible solutions. Engages students in major exploration through the lens of engineering challenges. **Satisfies: HC Elective**

ENGR 201H *Electrical Fundamentals I*

3 HC Credit(s)

Register for the LEC and the LAB

CRN: 14558	**Section** 001	LEC	**MW 1400 - 1450**
CRN: 14559	**Section** 010	LAB	**R 1000 - 1150**

Instructor(s): Matthew Johnston

Analysis of linear circuits. Circuit laws and theorems. DC responses of circuits. Operational amplifier characteristics and applications. PREREQ: MTH 251/251H AND MTH 252/252H. RESTRICTIONS: For Pre-Engineering, Engineering, and Forestry students only. **Satisfies: HC Elective**

ENGR 211H *Statics*

3 HC Credit(s)

Register for the LEC and the REC

CRN: 14196 **Section** 001 LEC **MW 1100 - 1150**

CRN: 14197 **Section** 010 REC **F 1000 - 1150**

Instructor(s): Solomon Yim

Analysis of forces induced in structures and machines by various types of loading. PREREQS: MTH 252/252H. Sophomore standing in Engineering. RESTRICTIONS: For Pre-Engineering, Engineering, Pre-Forestry, and Forestry students only. **Satisfies: HC Elective**

HC 409 *Civic Engagement*

1 HC Credit(s)

CRN: 12770 **Section** 001 PRAC **-- -- - --**

Instructor(s): Staff TBD

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. 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 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. RESTRICTIONS: Must speak with an HC academic advisor in order to register. **Graded: P/N. Satisfies: HC Elective**

HC 409 *Conversants*

1 HC Credit(s)

CRN: 10709 **Section** 002 PRAC **-- -- - --**

Instructor(s): Staff TBD

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

MATS 321H *Introduction to Materials Science*

4 HC Credit(s)

CRN: 15233 **Section** 001 LEC **MW 1000 - 1150**

Instructor(s): David Cann

Crystal structure, microstructure, and physical properties of metals, ceramics, polymers, composites, and amorphous materials. Also includes elementary mechanical behavior and phase equilibria. PREREQS: CH 202 or CH 222 or CH 232/232H or CH 224H. RESTRICTIONS: For Electrical & Computer Engineering, Chemical Engineering, Manufacturing Engineering, Mechanical Engineering, Industrial Engineering, Nuclear Engineering, and Materials Science majors/minors only. Minimum of junior standing is required. **Satisfies: HC Elective**

ME 373H *Mechanical Engineering Methods*

4 HC Credit(s)

CRN: 16569 **Section** 001 LEC **MW 1000 - 1150**

Instructor(s): Sourabh Apte

Analytical and numerical methods for solving representative mechanical engineering problems. PREREQS: ENGR 112/112H and MTH 256/256H and MTH 341. RESTRICTIONS: For Mechanical Engineering students only. **Satisfies: HC Elective**

ME 382H *Introduction to Design*

-- HC Credit(s)

Register for the LEC and the LAB

CRN: 12551 **Section** 001 LEC **MWF 1500 - 1550**

CRN: 12552 **Section** 010 LAB **F 1000 - 1150**

Instructor(s): Christopher Hoyle

This Honors section will include short seminars and discussions on contemporary research on topics in design methodology and marine renewable energy. Lecture common with non-Honors. **1 out of the 4 OSU credits earned counts toward Honors College requirements.** PREREQS: ENGR 248 and ME 250 and PH 211/211H. ME 250 can be taken concurrently. RESTRICTIONS: Must be enrolled in the College of Engineering. Engineering Physics, Manufacturing Engineering, Mechanical Engineering, Industrial Engineering, and Nuclear Engineering majors/minors only. ME 316 is recommended. **Satisfies: HC Elective**

ME/NSE 332H *Heat Transfer*

4 HC Credit(s)

Mechanical Engineering and Product Development students should register for ME 332H.
Nuclear Engineering students should register for NSE 332H.

ME 332H CRN: 20014 **Section** 001 LEC **MW 800 - 950**

NSE 332H CRN: 20025 **Section** 001 LEC **MW 800 - 950**

Instructor(s): Deborah Pence

Analyzes conductive, convective and radiative energy transfer using control volume and differential analysis and prediction of transport properties. PREREQS: ME 311/311H or NSE 331/331H or NE 331/331H. RESTRICTIONS: For Mechanical Engineering, Product Development, and Nuclear Engineering students only. Must be enrolled in the College of Engineering. Mechanical Engineering and Product Development students should register for ME 332H. Nuclear Engineering students should register for NSE 332H. **Satisfies: HC Elective**

MRKT 492H *Consumer Behavior*

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: 19206 **Section** 001 LEC **TR 1400 - 1550**

Instructor(s): Brandon McAlexander

Understanding the processes that lead to purchase, so as to improve decisions on segmentation and the appropriate marketing mix for each segment. How consumers and households make decisions, and why different individuals/groups make different decisions. Application of behavioral science concepts at individual, subcultural and cultural levels. Effects of consumerism and regulation also are considered. **This course is shared with a section for COB Dean's Academy students. Honors students should register for section 001.** PREREQS: BA 223/223H or BA 390/390H or MRKT 390. **Satisfies: HC Elective**

MTH 252H *Integral Calculus*

4 HC Credit(s)

Honors MTH classes do not have a recitation. That hour is built into the Lecture.

CRN: 12955 **Section** 001 LEC **MW 1000 - 1150**

Instructor(s): Scott Peterson

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. Definite integrals, elementary applications to area, force, and work. Integral tables and basic techniques of integration, calculus of logarithmic and exponential functions, polar coordinates, applications to areas, volumes, force, work, and growth and decay problems. **MTH 252H does not have a recitation. That hour is built into the Lecture.** PREREQS: MTH 251/251H. **Course Fee $10. Satisfies: HC Elective**

MTH 254H *Vector Calculus I*

4 HC Credit(s)

Honors MTH classes do not have a recitation. That hour is built into the Lecture.
Choose <u>one</u> LEC section, not both.

CRN: 11268 **Section** 001 LEC **MW 1400 - 1550** Torrey Johnson

CRN: 12280 **Section** 002 LEC **MW 1200 - 1350** 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. **MTH 254H does not have a recitation. That hour is built into the Lecture.** PREREQS: MTH 252/252H. **Course Fee $10. Satisfies: HC Elective**

NSE/ME 332H *Heat Transfer*

4 HC Credit(s)

Mechanical Engineering and Product Development students should register for ME 332H.
Nuclear Engineering students should register for NSE 332H.

ME 332H CRN: 20014 **Section** 001 LEC **MW 800 - 950**

NSE 332H CRN: 20025 **Section** 001 LEC **MW 800 - 950**

Instructor(s): Deborah Pence

Analyzes conductive, convective and radiative energy transfer using control volume and differential analysis and prediction of transport properties. PREREQS: ME 311/311H or NSE 331/331H or NE 331/331H. RESTRICTIONS: For Mechanical Engineering, Product Development, and Nuclear Engineering students only. Must be enrolled in the College of Engineering. Mechanical Engineering and Product Development students should register for ME 332H. Nuclear Engineering students should register for NSE 332H. **Satisfies: HC Elective**

PSY 399H *The Neuroscience Toolbox*

4 HC Credit(s)

CRN: 19956 **Section** 001 LEC **TR 1400 - 1550**

Instructor(s): Anita Cservenka

Have you wondered about the ways neuroscientists study the brain? There are a variety of tools available to understand brain structure and functioning at both the micro and macro level. This survey course will introduce you to the methods scientists use to investigate how the brain works using neurons, animal models, and human participants. You will get a chance to visualize the brain, dissect a brain, and hear from experts from the university and beyond to get an overview of the variety of techniques that have aided in our understanding of typical and atypical brain functioning. This class will include hands-on activities, class discussions, guest speakers, and will culminate in a proposal and presentation of your own research ideas to study the brain. **Satisfies: HC Elective**

Fall 2023 Corvallis HC Thesis/Research/Projects

HC 003 *Undergraduate Research*

0 HC Credit(s)

CRN: 19201 **Section** 001 RES -- -- - --

Instructor(s): Rebekah Lancelin

This zero credit course supports, in consultation with a faculty mentor, engagement in research activities appropriate to the discipline to execute the completion of the thesis. This course is typically supports students who have completed all OSU and HC credit requirements (including thesis credits) but are completing their thesis in subsequent term(s). These credits provide students access to OSU library services but does not provide access to services supported by student fees. Students must connect with an HC academic advisor to register for these credits. RESTRICTIONS: Must speak with an HC academic advisor in order to register. **Satisfies: HC Thesis**

HC 408 *Thesis Stage 1: Plan*

1 HC Credit(s)

Choose one section

All sections meet weeks 1, 3, 5, 7, and 9 only

CRN: 16564	**Section** 001	HYB	**M 900 - 950**	Kara Goldman
CRN: 16565	**Section** 002	HYB	**W 900 - 950**	Leanna Dillon
CRN: 16566	**Section** 003	HYB	**F 900 - 950**	Rebekah Lancelin
CRN: 18282	**Section** 004	HYB	**T 1300 - 1350**	LeeAnn Baker
CRN: 17925	**Section** 005	HYB	**R 1300 - 1350**	LeeAnn Baker
CRN: 19202	**Section** 006	HYB	**T 1600 - 1650**	Liz Delf
CRN: 19203	**Section** 007	HYB	**R 1600 - 1650**	Liz Delf
CRN: 19204	**Section** 008	HYB	**M 1600 - 1650**	Beau Baca
CRN: 19205	**Section** 009	HYB	**W 1600 - 1650**	Leanna Dillon
CRN: 16567	**Section** 010	HYB	**M 1200 - 1250**	Kara Goldman
CRN: 16568	**Section** 011	HYB	**W 1200 - 1250**	Leanna Dillon
CRN: 16562	**Section** 012	HYB	**F 1200 - 1250**	Rebekah Lancelin
CRN: 20376	**Section** 013	HYB	**F 900 - 950**	Eliza Barstow
CRN: 20403	**Section** 014	HYB	**R 1600 - 1650**	LeAnn Adam
CRN: 20508	**Section** 015	HYB	**F 900 - 950**	Susan Rodgers

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, 3, 5, 7, and 9 only. Graded: P/N. Satisfies: HC Thesis**

HC 408 Thesis Stage 1: Plan 1 HC Credit(s)

This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins.

CRN: 19679 **Section** 401 ONLN **-- -- - --**

Instructor(s): Leanna Dillon

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. **This is an Ecampus course. Tuition rates for Ecampus courses are different than on-campus courses and can be found at ecampus.oregonstate.edu/services/tuition. Registration is limited to Ecampus and Cascades honors students during Phase 1 of registration, then will be opened to Corvallis honors students when Phase 2 begins. Graded: P/N. Satisfies: HC Thesis**

HC 408 Thesis Stage 2: Explore & Build 1 HC Credit(s)

Choose <u>one</u> section

CRN: 12167 **Section** 020 HYB **W 1700 - 1750**
Meets weeks 2, 4, 6, & 10 only

CRN: 17811 **Section** 021 HYB **W 1600 - 1650**
Meets weeks 2, 4, 6, & 10 only

Instructor(s): Kassena Hillman

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, & 10 only.** PREREQ: Prior completion of Thesis Stage 1 as outlined at honors.oregonstate.edu/thesis. **Graded: P/N. Satisfies: HC Thesis**

HC 408 Thesis Stage 4: Compose & Complete 1 HC Credit(s)

CRN: 13222 **Section** 040 WS **F 1400 - 1550**
Meets weeks 1, 3, 5, 7, and 9 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 1, 3, 5, 7, and 9 only.** PREREQS: Prior completion of TheSIS Stages 1, 2, & 3 as outlined at honors.oregonstate.edu/thesis. **Graded: P/N. Satisfies: HC Thesis**