



Honors Courses Fall 2018

Subject to Change



First Year Honors Foundation Course

DISC 2305 Honors Humanities Seminar I

This course confronts profound ethical questions through considerations of history, literature, psychology, philosophy, and sociology. Beginning with a story by Flannery O'Connor that poses questions about ethical conduct, students explore texts and events that challenge the foundations of philosophical and religious ethical systems. The course also addresses contemporary ethical questions regarding individual freedom and responsibility and the meanings of "community."

MWF

Section #	Prof	Time	Location
003	Hopper	11:00 AM – 11:50 AM	Virginia-Snider 303
004	Hopper	12:00 AM – 12:50 AM	Virginia-Snider 303
005	Hopper	1:00 PM – 1:50 PM	Virginia-Snider 303
006	Arbery	11:00 AM – 11:50 AM	Crum Commons 132
010	Arbery	9:00 AM – 9:50 AM	Crum Commons 132
011	Arbery	10:00 AM – 10:50 AM	Crum Commons 132

TuTh

Section #	Prof	Time	Location
001	Mueller	9:30 AM – 10:50 AM	Kathy Crow Commons 150
002	Mueller	11:00 AM – 12:20 PM	Kathy Crow Commons 150
007	Rosendale	2:00 PM – 3:20 PM	McElvaney Commons 135
008	Pickard	12:30 PM – 1:50 PM	McElvaney Commons 137
009	Amsel	11:00 AM – 12:20 PM	Crum Commons 132

ALL FIRST-YEAR HONORS STUDENTS MUST ENROLL IN DISC 2305 DURING THE FALL SEMESTER

ARHS 3339.001H El Greco to Goya: Spanish Painting of the Golden Age

Adam Jasienski

TuTh 10:00-11:20 AM, and Th 11:30 – 12:30 PM, Meadows Museum, Room 151

A survey of the painting traditions of Spain during the 15th through early 19th centuries. Includes artists such as El Greco, Velazquez, Ribera, Murillo, and Goya. Lectures are supplemented by direct study of Spanish paintings and prints in the Meadows Museum. (Temporalities post-1500)

UC2012 and UC2016: Information Literacy

Other UC credit pending approval

ASCE 3320.002H Sex, Drugs, & Rocks

Brian Molanphy

TuTh 12:30 – 3:20 PM, Owen Fine Arts Center, Room B640

Beyond their more common uses, pots have traditionally been used ritually and socially in conjunction with powerful substances and forces, which are often depicted in a pot's form or surface decoration. Such practices continue today. Traditional and current uses of pots include Greek wares for gymnasia and bacchanalia, Chinese tea ware, Central American chocolate ware, North American dinnerware, and South African brewery ware, as well as pots that celebrate bodily functions such as giving birth and pots that depict parts of the body gendered, sexualized, or related to reproduction. After studying these pots and their contexts, the ceramics of living artists particularly concerned with topics such as sex and drugs, and texts about various pots and their contents, students make their own interpretations by undertaking the ceramic process as an artificial geological process.

Recommended course for advanced UHP students at the Junior or Senior level

UC2012: Creativity and Aesthetics (Level 2)

UC2016: Depth – Humanities & Fine Arts

UC2012 and UC2016: Global Engagement & Community Engagement

BIOL 5110-L01H Genome Editing

Alejandro D-Brot

Tu 2:00-4:50 PM Dedman Life Science Bldg, Room 128

This course will introduce students to genome editing techniques. We will focus on the CRISPR/Cas9 genome editing system, learn how it works at a molecular level and use it to carry out a genome editing project in a model organism from conceptual design to finish. Students will also be asked to read and discuss three scientific articles highlighting how CRISPR/Cas9 is being developed to cure genetic diseases. The course is designed for honors students who have taken an upper-level biology lab or have prior research experience in biology.

Prerequisite or corequisite: BIOL/CHEM 5310. If CHEM 5110 is counted toward a chemistry major or minor, it cannot be counted toward a biological sciences major or minor.

UC2012 and UC2016: Quantitative Reasoning

UC2012 and UC2016: Writing

ECO 1311.001H Principles of Microeconomics

Rajat Deb

TuTh 9:30 – 10:50 AM, Umphrey Lee, Room 303

This course studies the production of the entire economy, dealing with such issues as the general price level, the national employment rate, government spending, and the nation's money supply. Important to these issues is the definition and measurement of macroeconomic aggregates such as gross domestic product, consumer price index, the unemployment rate, and the government

surplus and deficit. The course looks at the determinants of inflation and the relationship between inflation and other factors, including interest rates, the money supply, and unemployment.

Students must have background in calculus to enroll in this course.

This course counts towards Honors requirement and major prerequisites, but does not satisfy a UC Pillar requirement.

UC2012 and UC2016: Quantitative Reasoning

ENGL 2312.003H Fiction – Feeling Left Out

Dennis Foster

TuTh 9:30 – 10:50 AM, Dallas Hall, Room 156

People never say what they mean. In the speech and writing of everyday life—in memos and news, in text books and love letters—we hope for a familiar language where we feel at ease with the meaning and intentions. “How much do you love me?” you ask. That’s clear, but...what are you getting at? Something slips in the question. Literature shows us how this slipping happens. As in the painting above by Holbein, when we look again, we feel off-center, sometimes uncomfortably, sometimes in delight. Heroes become demons. Children turn out to be wise. Home suddenly looks strange. By shifting our perspective, we can see what everyday life ignores or conceals. (What is that smear at the bottom of the painting?) This class will look at works of fiction in which someone or something is out of place, looking awry at the ordinary world. We will read, for example, Junot Diaz’s *The Brief Wondrous Life of Oscar Wao*, whose characters have left and returned to the Dominican Republic, and Arundhati Roy’s *The God of Small Things*, whose characters return to India to discover a lost world. But we will also read Allison Bechdel’s *Fun Home* in which she looks back on growing up in a childhood in a funeral home could not understand at the time. That is, we will take displacement as a narrative technique and a theme. Expect to write five short papers and to talk a lot.

UC 2012: Creativity & Aesthetics (Level 2)

UC 2016: Language & Literature

UC2012 & UC2016: Writing

ENGL 2314.001H Doing Things with Poems

Richard Bozorth

TuTh 11:00 – 12:20, Dallas Hall, Room 120

How to do things with poems you never knew were possible, and once you know how, you won’t want to stop! You’ll learn to trace patterns in language, sound, imagery, feeling, and all those things that make poetry the world’s oldest and greatest multisensory art form, appealing to eye, ear, mouth, heart, and other bodily processes. You will read, talk, and write about poems written centuries ago and practically yesterday. You will learn to distinguish exotic species like villanelles and sestinas. You’ll discover the difference between free verse and blank verse and be glad you know. You will impress your friends and family with metrical analyses of great poems and famous television theme songs. You’ll argue politely passionately about love, sex, roads in woods, the sinking of the Titanic, witches, God, Satan, and trochaic tetrameter. You’ll satisfy a requirement for an English Major and a good liberal-arts education. *

UC2012: Creativity & Aesthetics (Level 2)

UC2016: Language & Literature

UC2012 & UC2016: Writing

UC2012 & UC2016: Oral Communication

HIST 1321.001H The United States and the Vietnam War

Thomas Knock

Tu, 2:00 PM – 4:50 PM, Dallas Hall, Room 70

More than forty years after the fall of Saigon, the Vietnam War continues to influence the foreign relations of the United States and to hammer a wedge into American politics. In this seminar for first and second year students, we will consider how the United States became involved in a major ground war in Southeast Asia; why it sustained the war for so long; whether the nation was bound to fail in the endeavor; and the ongoing controversy surrounding that failure in the making of U.S. foreign policy today. We will study America's second longest war from various perspectives—through historical writing and primary sources, journalistic accounts, memoirs, film, and popular culture. In so doing, students will have the opportunity to improve their reading and writing skills; to enhance their ability to think analytically and critically; and to debate and exchange ideas with one another.

Readings include: 1) Christian Appy, *Working Class War: American Combat Soldiers and Vietnam*; 2) Graham Greene, *The Quiet America*; 3) Maurice Isserman & Michael Kazin, *America Divided, The Civil War of the 1960s*; 4) Robert J. McMahon, *Major Problems in the History of the Vietnam War* 4th ed.

UC2012: Historical Contexts (Level 1)

UC2012 & UC2016: Writing

UC 2016: Historical Context Breadth

HIST 3316.001H The History of Sex in America

David D. Doyle, Jr.

TuTh 2:00 – 3:20 PM, Boaz Commons, Room 136

Emerging from such intellectual traditions as the social history, feminists, civil rights, and lesbian and gay movements the study of sexuality is an increasingly vibrant field—and a field that is opening up many long-static discussions of vital importance in American history. Considering sexual histories within such issues as slavery, European immigrations, or the interactions between European settlers and Native Americans, it is hard to arrive at a coherent picture without this work. Concepts such as social constructionism, and the ability to articulate gender and sexuality as distinct categories of analysis have given scholars the tools to significantly advance our knowledge of the past.

This course will emphasize how gender and sexuality are two separate-if occasionally overlapping-categories. This semester the primary focus will be on the categories of race, gender, region, and social class in America—constant—although always changing—organizing metrics throughout the country's history. The course will move chronologically through American history looking at historical developments through the lens of gender and sexuality. Not surprisingly, this may be a history that is unfamiliar.

Readings include: 1) John D'Emilio & Estelle Freedman, *Intimate Matters: A History of Sexuality in America* (3rd edition, 2012); 2) Thomas A. Foster, Editor, *Documenting Intimate Matters: Primary Sources for a History of Sexuality in America* (2013); 3) Laurel Thatcher Ulrich, *A House Full of Females: Plural Marriage and Women's Rights in Early Mormonism, 1835-1870* (2017); 4) Rebecca Traister, *All the Single Ladies: Unmarried Women and the Rise of an Independent Nation* (2016); 5) Emily Epstein Landau, *Spectacular Wickedness: Sex, Race, and Memory in Storyville, New Orleans* (2010); 6) Bayard Taylor, *Joseph and His Friend* (1887); 7) Crystal N. Feimster, *Southern Horrors: Women and the Politics of Rape and Lynching* (2009); 8) Adam Cohen, *Imbeciles: The Supreme Court, American Eugenics, and the Sterilization of Carrie Buck*

(2016); 9) Kevin Mumford, *Not Straight, Not White: Black Gay Men from the March on Washington to the AIDS Crisis* (2016); 10) Colin R. Johnson, *Just Queer Folks: Gender and Sexuality in Rural America* (2013); 11) Judith Halberstam, *Female Masculinity* (selected chapters, 1998).

Recommended course for advanced UHP students at the Junior or Senior level

UC2012 and UC2016: Ways of Knowing

UC2012: Historical Contexts (Level 2)

UC2016: History, Social, & Behavioral Sciences

HRTS 2325.701C Human Rights in Modern South Asia

Rachel Ball-Phillips

Tuesday 6:30 – 9:20 PM, Dallas Hall 102

This course provides students with an in-depth examination of some of the most pressing human rights issues in twentieth-century South Asia. From violations of women's rights to the relationship between environmental justice and human rights, this course will cover a number of issues relevant in the subcontinent today. This class will be largely discussion based, as we trace violations of human rights from the Partition of India, which resulted in the largest mass migration in human history, to the contemporary violence that occurs between Hindus and Muslims. Students will have the opportunity to engage with the community through volunteer work, examine the most relevant scholarship, and engage with the most recent media on human rights abuses in South Asia.

UC2012: Historical Context I

UC 2016: Historical Context Breadth



“When Dr. Doyle first arrived on campus, they were just completing Dallas Hall.”

KNW 2300.L03H Introduction to Engineering Design

Andrew Quicksall

Wednesday 6:00 – 8:50 PM, Junkins 202

Section L03 is the Honors Section, and only students in this section can receive Honors credit for Introduction to Engineering Design. Provides an introduction to engineering design methodologies and basic teaming skills. Students participate on a team in a term-long, multidisciplinary design experience in which each student provides basic engineering capabilities

in mechanical, software, electronic, civil, and/or environmental systems. Each team designs a robot that achieves stated design objectives while operating autonomously, with as little human interaction as possible. Teams submit group design memos documenting the evolution of the design. Each team makes a preliminary design presentation and report and a final design presentation and report. A competition is held at the end of the term. Prerequisites or co-requisites: MATH 1337 and one of CEE 1302, CSE 1341, EE 1322, EMIS 1360, or ME 1202/1102.

Recommended course for first year UHP students in Engineering

Restricted to Honors Engineering Students

UC2012 and UC2016: Ways of Knowing

UC2012 and UC2016: Oral Communication

MATH 3302.002H Calculus III

Instructor to be determined

MWF 11:00 – 11:50 AM, Dallas Hall 142

Calculus III can be seen as simply extending Calculus I and II into the 3-dimensional world in which we live. The derivative in one variable is extended to the idea of partial derivatives in several variables. In parallel, integrals in one variable are extended to the cases of double and triple integrals in two and three variables. Next we study integrals along curves and surfaces, and how these tools help us to understand the behavior of vector fields. Finally we will use this knowledge to develop an understanding of differentiation and integration of vector fields, and to obtain governing equations for a wide variety of real-world physical phenomena.

The honors version of this course will include supplemental material not found in the regular version, including computational approaches to visualization and calculation using MATLAB, variational calculus and functional minimization, extra focus on non-cartesian co-ordinates, and increased discussion of the application of vector calculus results to continuum modeling. To make time for these enrichment topics, students will be expected to perform significant pre-class readings, and occasionally cover the simpler course topics on their own.

PHIL 1306.002H Introduction to Philosophy

Brad Thompson

TuTh 3:30 – 4:50 PM, Dallas Hall 102

A general introduction to the central questions of philosophy. We will discuss topics from such areas as the theory of knowledge, philosophy of religion, metaphysics, philosophy of mind, ethics, and political philosophy. Typical questions might include: Can we know the world outside our minds? Is it rational to believe in a God who allows evil to exist? Do the laws of physics allow for human freedom? Is morality more than a matter of opinion? Can there be unequal wealth in a just society? Readings will include classical authors such as Plato, Descartes, Locke, Hume, and Mill, as well as contemporary philosophers. The focus of the course will be on arguments for and against proposed solutions to key problems in philosophy.

Recommended course for first year UHP students

UC2012: Philosophical, Religious, & Ethical Inquiry I

UC2016: Breadth – Philosophical, Religious, & Ethical Inquiry

PHIL 1319.001H Technology, Society & Value

Kenneth Daley

MWF 9:00 to 9:50 am, Dedman Life Science Building 110

Advances in technology are raising many ethical issues that require serious considerations. We

will discuss issues surrounding such technologies and how they affect the views of warfare, privacy, human enhancement, and artificial intelligence.

UC2012: Philosophical, Religious, & Ethical Inquiry (Level 1)

UC2016: Philosophical, Religious, & Ethical Inquiry

UC2016: Technology & Mathematics

PHYS 1010.001H Honors Physics Section

Stephen Sekula

Tuesday 6:15 – 7:30 PM, Fondren Science Building 127

Students will engage in a semester long “Grand Challenge” problem solving exercise. This will define the arc of the semester, setting the tone for planning our classroom activities and eventually defining the deliverable at the end of the course. In between class periods relevant to the development of solutions to the Grand Challenge Problem, the students will be engaged in demonstrations of physics principles and exercises to explore these demonstrations. These class periods will follow a pattern consistent with the scientific method: observation of a physical phenomenon, hypothesis building to explain the phenomenon, and calculation and testing to assess the hypothesis.

Recommended course for first year UHP students

(must be taken in conjunction with PHYS 1303, 1304, 1307, 1308)

PLSC 1320.003H Introduction to American Government

Joseph Kobyłka

TuTh 12:30 – 1:50 PM, Hyer Hall 111

The organization, functions, and processes of the national government, with particular attention to parties, pressure groups, and other forces that influence its course. Attention is also given to the Texas Constitution.

Recommended course for first year UHP students

UC2012: Individuals, Institutions, and Cultures I

UC2016: Breadth – Individuals, Institutions, and Cultures

PLSC 4335.002H Constitutional Law

Joseph Kobyłka

TuTh 9:30 – 10:50 PM, Hyer Hall 204

Examines the scope of constitutional power in the American governmental system, questions of separation of powers between the branches of the national government, and the federal relationship between the national government and state governments.

UC2012: Historical Context II

UC2012: Individuals, Institutions, and Cultures II

UC2012 & UC2016: Information Literacy

UC2012 & UC2016: Oral Communication

UC2016: History, Social and Behavioral Sciences

RELI 1303.001H Introduction to Asian Religions

Carl Elverskog

M 2:00-4:50 PM, Virginia Snider Commons Room 203

An introductory historical overview of the major religious traditions of Asia. The course will explore developments in religious and cultural trends expressed in South Asia (Hinduism, Buddhism, Jainism and Sikhism) and in East Asia (Confucianism, Taoism and Shinto).

UC2012: Historical Context I

UC2012: Philosophical & Relig. Inquiry & Ethics I

UC2012 & UC2016: Global Engagement

UC2012 & UC2016: Human Diversity

UC2016: Historical Context

UC2016: Philosophical & Relig. Inquiry & Ethics