

Fall 2014 UHP Courses

You must **take 3 UHP courses before the end of Spring quarter 2015**. You can register for one UHP course per quarter during Pass 1. If you desire to take a second course, you may do so during Pass 2 should additional space remain. All of the **Honors Courses are capped at 25 students** each except for MAT 17, 21 and BIS 2, which will have 40, 60, and 120 respectively. These courses are restricted to Honors students and **most can only be accessed using a Permission to Add (PTA) number**.

So here's how it works: figure out which Honors course you are most interested in taking, make sure it fits in your schedule (**PTA numbers will override class conflicts**, so double check it!) and then select the Honors course through [THIS SURVEY](#). We will email you just prior to Pass 1 registration (May 12) with a unique PTA number for that course (**Don't try to use someone else's PTA. It won't work.**). Then, input that PTA number into the "register with a PTA number" section.

ANT 2- Cultural Anthropology: (4)

TR 12:10-2pm, 224 Young

Professor Alan Klima

Introduction to cultural diversity and the methods used by anthropologists to account for it. Family relations, economic activities, politics, gender, and religion in a wide range of societies. Current problems in tribal and peasant societies. GE credit: ACGH, DD, SS, WC, WE.

ANT 3- Introduction to Archaeology: (4)

MW 12:10-2pm (LEC 12:10-1:30/DIS 1:40-2:00) 302 Young

Professor Christyann Darwent

Development of archaeology as an anthropological study; objectives and methods of modern archaeology. GE credit: SE, SL.

ASA 1- Historical Experience of Asian Americans: (5)

MW 12:10-2pm, TBD

Professor Wendy Ho

Introduction to Asian American Studies through an overview of the history of Asians in America from the 1840s to the present within the context of the development of the United States. GE credit: ACGH, DD, SS, VL, WC, WE.

AST 10G- Stars, Galaxies, and the Universe: (3)

TR 3:10-4:30pm, 55 Roessler Hall

Professor David Wittman

Did you know that most atoms in your body were once deep inside a massive star? That black holes really exist? That the universe is 13.7 billion years old? In this survey of modern astronomy, you will come to understand how human beings figured these things out, and practice your scientific reasoning skills in the process. We will start with a very brief orientation to our home solar system and then zoom out progressively to other stars; the bizarre stellar graveyard of white dwarfs, neutron stars and black holes; our galaxy and other galaxies; and finally cosmology, the study of the universe on the largest scales. GE credit: SE, SL, VL.

BIS 2A- Introduction to Biology: Essentials of Life on Earth: (5)

MWF 1:10-2pm, TBD

Professor John Roth

Essentials of life including sources and use of energy, information storage, responsiveness to natural selection and cellularity. Origin of life and influence of living things on the chemistry of the Earth. GE credit: SE.

HIS 147A- European Intellectual History, 1800-1870: (4)

TR 12:10-1:30pm, TBD

Professor Michael Saler

European thought in the early industrial era. Shifting cultural frameworks, from romanticism to scientism; liberal and socialist reactions to social change. Focus on the work of Goethe, Hegel, J.S. Mill, Marx, Darwin and Flaubert. GE credit: AH or SS, WC, WE.

IST8A- Biotechnology: Challenges in Healthcare, Agriculture and the Environment: (4)

MW 10-11:50am, 2020 Sciences Laboratory Building

Professor Denneal Jamison-McClung

Current global challenges in healthcare, food security, and environmental resource management will be met by advances in biotechnology. Scientists and engineers in biotechnology work in interdisciplinary teams, drawing on a deep knowledge of living systems and the physical world in order to develop platform technologies. This course will explore the interdisciplinary nature of biotechnology and emphasize the importance of scientific communication between all stakeholders (scientists, educators, citizens, businesses, policy makers, etc...) in effectively using biotech advances to meet global challenges. GE Credit: SE.

IST 8B- Examined Life: (4)

TR 10:30am-12noon, TBD

Professor Naomi Janowitz

Socrates said that the unexamined life is not worth living. What then is the examined life? We will consider ideas about self-reflection (Plato, Freud, Proust), selected examinations of lives via autobiography (John Stuart Mill, Rousseau, Grealy) and the haunting of life by death and the uncanny (Kafka, Doty). These readings will lead us to a set of examinations of own lives, including our pasts (what were we like as children), our present states of being (who are we now) and our hopes for the future (the people we might become). We may adjust the readings based on the interests of the class. GE credit: AH.

MAT 17A- Calculus for Biology and Medicine: (4)

(TENTATIVE) MWRF 11-11:50am, TBD

Professor Sam Walcot

Prerequisite: two years of high school algebra, plane geometry, plane trigonometry, and analytical geometry, and satisfying the Mathematics Placement Requirement. Introduction to differential calculus via applications in biology and medicine. Limits, derivatives of polynomials, trigonometric, and exponential functions, graphing, applications of the derivative to biology and medicine. Not open for credit to students who have completed course 16B, 16C, 21A, 21B, or 21C. Only 2 units of credit to students who have completed course 16A. GE credit: QL, SE.

MAT 21C- Calculus: (4)

MWF 1:10-2:00, R, 6:10-7 Disc., 223 Olson, 166 Chem - Disc.

Professor Motohico Mulase

Prerequisite: course 16C, 17C, 21B, or 21BH. Continuation of course 21B. Sequences, series, tests for convergence, Taylor expansions. Vector algebra, vector calculus, scalar and vector fields. Partial derivatives, total differentials. Applications to maximum and minimum problems in two or more variables. Applications to physical systems. GE credit: QL, SE.

MUS 115 -History of Film Music: (4)

MW 2:10-3:30pm. 203 Music

Professor Pablo Ortiz

Film music from silent films to movies of the past decade. How music supports and shapes film narrative and structure. Use of jazz, rock and classical music in film. GE credit: AH, VL, WE.

POL 2- Introduction to Comparative Politics: (4)

TR 8-9:50, 106 Bainer

Professor Josephine Andrews

Introduction to basic concepts in political analysis and application of them in comparative studies of selected countries. Coverage is given to cultural and other informal dimensions of politics as well as to more formal political and governmental structures. GE credit: SS, WC, WE.

SAS 30- Mushrooms, Molds, and Society: (3)

MW 2:10-4pm. 357 Hutchison Hall

Professor Thomas Gordon

The biology of fungi and how their activities can affect people. How people perceive fungi and utilize them in medicine, religion, agriculture, and industry. GE credit: SE, SS.

STA 13- Elementary Statistics: (4)

TR 9-10:50am, TBD

Professor Christiana Drake

Prerequisite: two years of high school algebra or the equivalent in college. Descriptive statistics; basic probability concepts; binomial, normal, Student's t, and chi-square distributions. Hypothesis testing and confidence intervals for one and two means and proportions. Regression. Not open for credit to students who have completed course 13V or higher. GE credit: QL, SE.

WMS 50- Introduction to Women and Gender Studies: (4)

MW 2:10-4pm, TBD

Professor Kimberly Nettles

This is an introductory comparative and multidisciplinary course that engages with the diverse experiences of women in the U.S. and globally. The course will establish integrative explanatory frameworks that will address intersecting factors such as gender, race, ethnicity, social-economic class, sexuality, globalization, and transnationalism in order to examine women's diverse locations in society and the complex experiences of being female. We will analyze how the lives of U.S. women have been and continue to be defined and shaped by social, economic, cultural, historical and political institutions, and how our lives are intimately connected to the lives and circumstances of women globally. This course also examines the long and rich history of women's activism and participation in social movements and assesses current efforts by different individuals and groups of women to set the terms of their own lives, as well as to promote more profound transformations in society. We hope that you will be inspired by this quarter's work to engage and further these processes of transformation for yourselves and for the world in which we live.

GE credit: ACGH, AH, SS, DD, VL, WC, WE.