Fall 2015 UHP Courses

Congrats on (coming close to) completing your first year at UC Davis and in Honors! Let's talk about the requirements for next year. As you know, you need to complete 3 UHP courses in each of your first and second years (total of 6 for those counting along at home). However, if you took an extra UHP course or two in your first year, it does count for your second year courses. So if you took 4 UHP courses this year you would only need to do 2 next year and so on and so forth. In addition, if you have a substantial schedule conflict, or any other compelling educational reason, you can petition your honors advisor to allow you to replace one (1) required UHP course with an Honors Contract (a 1-unit graded independent study option).

Most of the **Honors Courses are capped at 25 students,** unless otherwise noted.

You can register for one UHP course per quarter. A survey will be distributed to you on Tuesday May 5th and will activate at 8pm that night. In the survey you will have the option of registering for your UHP course during Pass 1 (May 11th) or during Pass 2 (which takes place at the end of the summer). If you desire to take a second course, you may do so during Pass 2 should additional space remain.

Reminder: These courses are restricted to Honors students and most will not be visible on ScheduleBuilder. You can only register using the Permission to Add (PTA) number or Course Registration Number (CRN) sent to you by UHP staff. Do not attempt to register for a UHP course that you have not reserved a space in. (And yes, I realize I ended that sentence with a preposition, there is nothing at all grammatically wrong with doing so. Proof is here.)

AHI 110: Cultural History of Museums (4 units)
Professor Diana Strazdes
F 10am-12:50pm, 157 Everson
Evolution of museums in the western world from the "cabinet of curiosities" of sixteenth-century Europe to the modern "art center." The changing motives behind collecting, exhibiting, and interpretation of objects. Attention to museums' historical legacies and continuing philosophical dilemmas. Offered in alternate years. GE credit: AH, VL, WE.

ANT 3: Introduction to Archaeology (4 units)
Professor Christyann Darwent
MW 1:10-3:00 pm, Young 302
Development of archaeology as an anthropological study; objectives and methods of modern archaeology. GE credit: SE, SS, SL.

BIS 2A: Introduction to Biology: Essentials of Life on Earth (5 units) (45 students)
Professor John Roth
Lecture: MWF 1:10-2:00pm, 179 Chem
Discussion Section C01: M 8-9:50, 2067 SLB
Discussion Section C03: M 10-1150am, 2067 SLB
Discussion Section C05: M 2:10-4pm, 2067 SLB
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. Not open for credit to students who have completed course 1A with a grade of C- or better. GE credit: SE.

CHN 10: Modern Chinese Literature (In English) (4 units)
Professor Xiaomei Chen
TR 4:10-6pm, 117 Olson
Introductory course requiring no knowledge of Chinese language or history. Reading and discussion of short stories and novels and viewing of two films. Designed to convey a feeling for what China has experienced in the twentieth century. Not open for credits to students who have already taken, or are taking concurrently, course 104. GE credit: AH, WC.

ECM 1: Design of Coffee–An Introduction to Chemical Engineering (3 units)
Professors Tonya Kuhl and William Ristenpart
Lecture: M 8:10-9pm, 123 SciLec (you will be attending the regular course lecture at this time)
Honors Lab Section: T 10-11:50am, 126 Everson (this lab is just for honors students and is led by the professors)
Non-mathematical introduction to how chemical engineers think, illustrated by elucidation of the process of roasting and brewing coffee. Qualitative overview of the basic principles of engineering analysis and design. Corresponding experiments testing design choices on the sensory qualities of coffee. Not open for credit to Chemical Engineering and Biochemical Engineering majors or students who have completed Chemical and Materials Science 5. GE credit: SE, SL, VL.

ECN 1A: Principles of Microeconomics (4 units)
Professor Gregory Clark
MWF 1:10-2:00pm, F 2-3pm, 1020 Wickson,
Course 1A and 1B may be taken in either order. Analysis of the allocation of resources and the distribution of income through a price system; competition and monopoly; the role of public policy; comparative economic systems. GE credit: ACGH, QL, SS.

ENL 40: Introductory Topics in Literature: The Literary Bible (4 units)
Professor Claire Waters
TR 1:40-3:00, 229 Wellman
Prerequisite: course 3 or University Writing Program 1 or equivalent. In this course we will read substantial sections of the Hebrew Bible and the New Testament through a literary lens, thinking about their relation to their cultural contexts (original and later); their use of repetition, foreshadowing, allusion, personification, and many other formal devices; and the ways in which they have influenced later works of literature, whether through themes, characters, formal devices, or other means. Assignments will include short close readings of particular verses; comparative explorations of different episodes or books; and a final research project. GE credit: AH, WE.

FST 3: Beer and Brewing (3 units)
Professor Charles Bamforth
TR 3:10-4:30 pm, Haring 1204
Basic description of brewing and associated processes, from raw materials to final product; history of brewing and brewing science; types of beer worldwide; world beer markets; basics of beer quality, including wholesomeness; role of scientist in brewing. GE credit: SE, SL.

HIS 138A: Russian History: The Rise of the First Empire, 1500-1881 (4 units)
Professor Ian Campbell
MWF 1:10-2:00pm, SS&H 80
Prerequisite: courses 4B and 4C recommended. Expansion of the Russian state in Muscovite and imperial era. Emphasis on autocratic rule, the incorporation of non-Russian peoples, and emergence of Russia as a Great Power. Only two units of credit will be allowed to students who have completed former course 137B. GE credit: AH or SS, WC, WE.

HMR 134: Human Rights (4 units)
Professor Keith Watenpaugh
TR 10-11:50am, 163 Currant Hall
Introduction to the interdisciplinary study of the origins, evolution, denial and protection of Human Rights. No credit for students who have completed Religious Studies 90. (Same course as Religious Studies 134.) Offered in alternate years. GE credit: AH or SS, WC, WE.

IST 8A: Biotechnology (4 units)
Professor Denneal Jamison-McClung
MW 10-11:50am, 2020 SciLab
Challenges in Healthcare, Agriculture and the Environment. 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

MAT 17A: Calculus for Biology and Medicine (4 units) (20 students)
Professor Tim Lewis
Lecture: MWF 10-10:50am, 148 Physics
Discussion F01: T 7:10-8pm, 1134 Bainer
Discussion F02: T 8:10-9pm, 1134 Bainer
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. 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, SL.

MAT 21B: Calculus (4 units) (30 students)
Professor Fu Liu
Lecture: MWF 12:10-1pm, 194 Young
Discussion E01: T 5:10-6pm, 115 Hutchison
Discussion E02: 6:10-7pm, 115 Hutchison
Prerequisite: course 21A or 21AH. Continuation of course 21A. Definition of definite integral, fundamental theorem of calculus, techniques of integration. Application to area, volume, arc length, average of a function, improper integral, surface of revolution. Only 2 units of credit to students who have completed course 16B, 16C, 17B, or 17C. GE credit: QL, SE, SL.

MUS 105: History and Analysis of Jazz (4 units)
Professor Jacam Manricks
M 1:40-3 and W 12:10-1:30pm, 203 Music
Prerequisites are not enforced. Jazz and the evolution of jazz styles in historical and cultural context. For non-majors. GE credit: ACGH, AH, DD, WE.

PHI 120: Environmental Ethics (4 units)
Professor Roberta Millstein
TR 10:30-11:50am, 25 Wellman
Prerequisite: one course in philosophy (not enforced). Conceptual and ethical issues concerning the environment. Extension of ethical theory to animals, all life, and ecosystem wholes. Topics may include contemporary environmental issues such as global warming, sustainability and biodiversity. Not open for credit for students who have completed course 115 prior to Fall 2011. GE credit: AH, WE.

SAS 30: Mushrooms Mold and Society (3 units)
Professor Thomas Gordon
TR 2:10-4:00pm, 357 Hutchison
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.

SOC 4: Immigration and Opportunity (4 units)
Professor Erin Hamilton
TR 10-11:50am, 267 Olson Hall
Social and demographic analysis of immigration: motives and experiences of immigrants; immigration and social mobility; immigration, assimilation, and social change; multicultural societies. Detailed study of immigration into the U.S., with comparative studies of Europe, Australia, and other host countries. GE credit: ACGH, DD, SS, WC.

STA 13: Elementary Statistics (4 units)
Professor Christina Drake
MW 3:10-5pm, 151 Olson Hall
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.

VEN 3: Viticulture and Enology (3 units)
Professor Hildegarde Heymann
TR 9-10:20am, 1202 RMIBWF
Overview of the history of wine, viticulture, fermentation, winery operations, the physiology of wine consumption, wines produced in California and other major wine-producing regions and the sensory evaluation of wine. GE credit: SE, SS.