University Honors Program
Course Offering Descriptions
Fall 2017

These courses are restricted to Honors students and can only be accessed using a **Course Registration Number (CRN)** distributed by UHP. You cannot search for them in Schedule Builder.

Please review the course descriptions below. You should select your **top five** classes. The course selection survey will be sent on **Wednesday, May 3rd, at 11:59 AM**.

You can register for one UHP course during **Pass 1 or Pass 2**. Request for a second course cannot be made until September 15th. All of the Honors courses are capped at 25 students each, except for ECH 1, MAT 17C, MAT 21D, which are capped at 24, 30, and 20, respectively. Each UHP student must complete three UHP courses during the 2017-2018 academic year.

Please review the course descriptions below. You should select your **top five** classes. The course selection survey will be sent on Wednesday**, May 3rd, at 11:59 AM**.

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COURSE OFFERINGS

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
American Lives Thro Autobiography	201710	AMS	1C	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Arapoglu, Eleftheria	Lecture	MW	10:00 AM - 10:50 AM	WELLMAN	27
	Discussion	MW	11:00 AM – 11:50 AM	WELLMAN	27

Description:
Lecture—3 hours; discussion—1 hour. American culture as understood through the individual life stories told by Americans, with attention to the roles of gender, race, ethnicity, social class, and sexual orientation in the individual's life course. GE credit: ArtHum or SocSci, Div, Wrt | ACGH, AH or SS, DD, WE.—*W.*

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Intro to Archaeology	201710	ANT	003	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Darwent, Christyann	Lecture	MW	10:00 AM – 11:20 AM	Young	302
	Discussion	MW	11:30 AM – 11:50 AM	Young	302

Description:
Lecture—3 hours; discussion—1 hour. This course is designed to introduce the methodological and theoretical underpinnings of archaeology. Goals of archaeological research and techniques used to extract data from the archaeological record are discussed in general terms and illustrated with examples from various parts of the world. Lectures are supplemented with films and computer visuals. It is designed to supply you with a basic understanding of the methods of archaeological analysis. Discussions will relate to concepts covered during class lectures and are intended to provide supplementary information on archaeological methods with a "hands-on" focus (e.g., real examples of bone, stone, ceramic and metal artifacts). GE credit: SciEng or SocSci, DIV │SE or SS, SL.—*F, W, S. (F, W, S.)*

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Intro to Bio: Essential of Life on Earth	201710	BIS	2A	1-3	5.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Roth, John R	Lecture	MWF	1:10 PM – 2:00 PM	Chemistry	79

NOTE: All students attend the lecture, select one discussion time.

	TYPE	DAYS	TIME	BUILD	ROOM
Section 1	Discussion	M	8:00 AM – 9:50 AM	SciLab	2067
Section 2	Discussion	M	10:00 AM – 11:50 AM	SciLab	2067
Section 3	Discussion	M	2:10 PM – 4:00 PM	SciLab	2067

Description:
Lecture—3 hours; discussion—2 hours. 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: SciEng | SE.—F, W, S, Su. (F, W, S, Su.)

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Intro Chicana/o Studies	201710	CHI	10	A13	4.0

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Marquez, Lorena V.	Discussion	R	9:00-9:50AM	Hart	1116
	Lecture	TR	10:30-11:50AM	Rock	0000

Description:
Lecture—3 hours; discussion—1 hour. Analysis of the situation of the Chicana/o (Mexican-American) people, emphasizing their history, literature, political movements, education and related areas. Offered in alternate years. GE credit: Div, Wrt | ACGH, AH or SS, DD, OL, WE.

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Modern Chinese Literature	201710	CHN	10	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Chen, Xiaomei	Lecture	TR	4:10 PM – 5:30 PM	Wellman	209
	Discussion	TR	5:40 PM – 6:00 PM	Wellman	209

Description:
Lecture—3 hours; term paper or discussion—1 hour. This is a survey class of modern Chinese literature from the 1910s to the1990s in the contexts of Chinese historical and cultural circumstances and Western impacts. We will examine examples of the major literary genres such as fiction, autobiography, film, drama, and women's literature. Chinese 10 fulfills the Old General Education Requirements for all three areas: Arts & Humanities, Diversity and Writing. For New GE, Chinese 10 fulfills ArtHum and World Culture. We will have a mid-term, a final exam, and a term paper due at the end of the quarter. NO background in Chinese culture, history, and language is required. This is your best enter way into learning something about modern China, which is now the second world economy in the world.

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Design of Coffee	201710	ECH	1	15	3.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM

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| Ristenpart, William | Lecture | M | 8:10 PM - 9:00 PM | SciLec | 123 |
| Kuhl, Tonya | Lab | T | 10:00 AM - 11:50AM | Everson | 126 |

Description:
Lecture/laboratory—2 hours; project —1 hour This class is intended to serve as a non-mathematical introduction to how engineers approach and solve problems, as elucidated by the process of roasting and brewing coffee. The instructors will provide qualitative overviews of the basic principles of engineering analysis and design, and then guide the students in corresponding laboratory experiments testing the effect of design choices on the sensory qualities of coffee. In this manner, students will learn that even a process with only two "chemicals" – coffee beans and water – can have tremendous variability depending on the design choices. May be repeated two times for credit if content differs. Not open for credit to Chemical Engineering and Biochemical Engineering majors or students who have completed Chemical and Materials Science 5. GE credit: SciEng | SE, SL, VL.—*F, W, S. (F, W, S.)*

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Macroeconomics	201710	ECN	101	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Geromichalis, Athanasios	Lecture	TR	2:10 PM – 3:30 PM	Giedt	1006
	Discussion	TR	3:40 PM – 4:00 PM	Giedt	1006

Description:
Lecture—3 hours; discussion—1 hour. Prerequisite: courses 1A-1B and Mathematics 16A - 16B or Mathematics 17A-17B or Mathematics 21A - 21B, with a grade of C- or better in each course. In this course, we will study how economists model the relationships between aggregate economic variables and examine how various fiscal and monetary policies can affect the results. The main goal of this class will be to improve the students' ability to apply economic models to analyze real-world events. Throughout the class, we will typically look at data, identify interesting empirical patterns, often characterized as "puzzling", and we will develop models that help us understand these patterns/anomalies. We will also evaluate the effect of various policies and their effect on macroeconomic equilibrium oSmes. The course will help students understand modern macroeconomics, by studying cutting edge macroeconomic models, but in an undergraduate-friendly manner. The course will teach students how to "read" macroeconomic data, but also how to understand the data through the theory. Among other interesting topics, we will cover 4 Nobel prize winning models (e.g., the Solow growth model, the Adverse Selection model of Akerlof, and the Labor Search model of Diamond, Mortensen, and Pissarides). Theory of income, employment and prices under static and dynamic conditions, and long term growth.—F, W, S. (F, W, S.)

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Scientific Ideas that Changed our World	201710	IST	8A	001	4.00

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Hafez, Mohamed	Lecture	TR	5:30 PM – 7:00 PM	Hoagland	113

Description:
Lecture – 3 hours; discussion – 1 hour. The course covers an overview of basic principles of science including fundamentals of Mechanics of Solids & Fluids, Electromagnetism, Chemical Reactions, Thermodynamics and Heat Transfer. The main feature is the emphasis on the unified concept of conservation of mass, momentum, energy, as well as conservation of atoms and charges, together with the history of the main scientists involved and their seminal contributions to civilization. Recommendation completion of high school calculus. GE credit: SciEng, Wrt | SE, SL.—I, II, III. (I, II.)

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Human Sexuality	201710	HDE	12	001	3.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Hibel, Leah	Lecture	MW	8:30 AM - 9:50 AM	Hart	1130

Description:
Lecture—3 hours; This course is designed to give students the basic knowledge of human sexuality. We will cover a range of topics from sexual orientation to sexual assault, and explore these issues from biological, developmental, sociological, and political perspectives. In addition, students will gain hands on knowledge and application of current issues surrounding human sexuality through unique service learning opportunities with campus or community partners. GE credit: SocSci, Div | ACGH, DD, SS.—*F, S. (F, S.)*

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
History of Sci-Fi	201710	HIS	147C	002	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Saler, Michael	Lecture	TR	10:30 AM - 11:50 AM	Chemistry	115

Description:
Lecture—3 hours; term paper. This course is an historical survey of the origin and development of "science fiction," both as a literary genre and a set of myths for a modern age often conflicted about its embrace of science, technology, reason and secularism. We will discuss the genre in terms of its historical contexts, major authors, seminal publications, key themes, and diverse styles, and analyze how it has developed during the course of the past century. Among the issues we will address are: Can we find a common way to define such a protean body of texts and themes, which include escapist "planetary romance"; "hard" SF (emphasizing the natural sciences); "soft" SF (emphasizing the social sciences); "New Wave" SF (employing modernist literary techniques and concerns), and utopian and dystopian SF? Is there such a thing as "science fiction"? Science fiction has often been opposed to literary realism, defined instead as a subset of fantasy. But might we consider contemporary science fiction as a form of realism, given the enormous pace of scientific and technological change and its effects on our daily lives, as well as the pervasive nature of science fiction ideas and images in modern culture? Could we call our everyday perceptions of the world a form of "science-fictionality," and science fiction as the realist literature of our age? Science Fiction is often "escapist." But can it also be a literature of engagement and activism – and if so, in what ways? GE credit: ArtHum or SocSci, Div, Wrt | AH or SS, WC, WE.

NOTE: The course description for HIS 147C found in the UC Davis General Catalog does not reflect the content of the HIS 147C course offered for the UHP. Refer to this document and course flyer for a correct description of the HIS 147C course for the UHP.

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Calculus for Bio & Med	201710	MAT	17A	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
TBD	Lecture	MWF	10:00 AM – 10:50 AM	Chemistry	176
	Discussion	R	7:10 PM – 8:00 PM	Chemistry	176

Description:
Lecture—3 hours; discussion—1 hour. 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

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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: SciEng | QL, SE, SL.—*F, W, S. (F, W, S.)*

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Calculus	201710	MAT	21B	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
TBD	Lecture	MWF	12:10 PM - 1:00 PM	Wellman 1	
	Discussion	R	5:10 PM - 6:00 PM	Hart	1120

Description:
Lecture—3 hours; discussion—1 hour. 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: SciEng | QL, SE, SL.—*F, W, S. (F, W, S.)*

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Intro to Musical Literature	201710	MUS	10H	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Busse Berger, Anna	Lecture	TR	1:10 PM - 3:00 PM	Music	115

Description:
Lecture—3 hours; Listening—1 hour. Introduction to composers and major styles of Western music. Lectures, listening, and selected readings. We are also going to attend some concerts. For non-majors. GE credit: ArtHum, Wrt | AH, VL, WC, WE.—F, W, S. (F, W, S.) Hess, Holoman, Levy, Pelo

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Performance & Culture Among Native Americans	201710	NAS	125	002	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Mendoza, Zoila	Lecture	TR	3:10 PM - 4:30 PM	Olson	261

Description:
Lecture—3 hours; film viewing—3 hours. Prerequisite: upper division standing in division of humanities or social sciences or consent of instructor. This class introduces students to the interdisciplinary study of public expressive forms among Native Americans. It looks at music, dances, rituals, and dramas from throughout the Americas in their social and cultural contexts. Students take an active role by participating in class discussions about the readings and films throughout the first part of the course and by working on their own projects from the start and presenting them to the class during the second part of the class. GE credit: ArtHum, Wrt | AH, WE.—*F, W, S. (F, W, S.)*

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Human Brain & Disease	201710	NPB	12	002	3.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Fioravante, Diasynou	Lecture	MWF	4:10 PM - 5:00 PM	WELLMAN	205

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Description:
Lecture—3 hours. Want to learn about how the brain works and what goes wrong when a person has Alzheimer's, Parkinson's, Multiple Sclerosis, Schizophrenia, Autism or is bitten by a black widow? NPB12 Honors The Human Brain and Disease is for you! This entry-level class offers an introduction to neurobiology and normal brain function as well as an overview of common neurological and neuropsychiatric diseases. Intended for science as well as non-science majors, not open for credit to students who have completed courses NPB 100, 101, 112, or Psychology 121. GE credit: SciEng. SciEng.—*F. (F.)*

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Life, Meaning & Identity	201710	RST	110	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Janowitz, Naomi	Lecture/Discussion	TR	10:30 AM - 11:50 AM	Bainer	1132

Description:
Lecture/discussion—3 hours; term paper. Prerequisite: upper division standing. Socrates said that the unexamined life is not worth living. What then is the examined life? We will consider other people's examinations of their lives (Proust, Mill, Rousseau) and also examine our own lives, including our pasts (what were our key childhood experiences?), our current philosophies and beliefs (who are we now?) and our conscious and our unconscious wishes for the future by examining our dreams (Who do we want to be in the future?). Readings include selections from Freud and Nietzsche, as well as modern autobiographies. GE credit: AH, WE.

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TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Elementary Statistics	201710	STA	13	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Drake, Christiana	Lecture	MW	3:10 PM - 4:30 PM	Wellman	101
	Discussion	MW	4:40 PM – 5:00 PM	Wellman	101

Description:
Lecture—3 hours; discussion—1 hour. Prerequisite: two years of high school algebra or the equivalent in college. Descriptive statistics; basic probability concepts; binomial, normal distribution. Hypothesis testing and confidence intervals for one and two means and proportions. Regression. Estimation and Inference based on resampling and randomization techniques as well as traditional methods of inference. Not open for credit to students who have completed course 13V or higher. GE credit: SciEng | QL, SE.

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