

University Honors Program Course Descriptions SPRING 2016

You must **take 3 UHP courses before the end of Spring Quarter 2016**. You can register for one UHP course during **Pass 1 (2/1 - 2/12)**. Undertaking a second UHP course requires **prior approval** from **Assistant Director Heidi van Beek**. If approved and space is available, you may add the course during **Pass 2 (2/22 - 3/4)**. All of the Honors Courses are **capped at 25 students** each, except for MAT 17C and 21D, which are capped at 30 and 50 respectively. 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 Schedulebuilder.

Seventeen courses are being offered in Spring 2016. ENG 17 has been added. Please review the course descriptions below. You should select your top five classes. The course selection survey information will be sent next week.

1. Course Title: Music and American Culture

Course Information:	SUBJ	CRSE	SEC	CREDITS	
	AMS	059	001	4.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Wang, Grace	Lecture	TR	10:30 AM - 11:50 AM	WELLMN	00027
	Discussion	W	6:10 PM - 7:00 PM	OLSON	00141

Lecture—3 hours; discussion—1 hour. An examination of music and American culture. Studies will explore music in its cultural contexts, which may include examinations of recording and broadcasting, of race, class, and gender, the role of technology, and relationships between musical production, consumption and listening. GE credit: ACGH, AH or SS, DD, WE.—I. (I.)

2. Course Title: Greek and Roman Novel

Course Information:	SUBJ	CRSE	SEC	CREDITS	
	CLA	142	001	4.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Popescu, Valentina	Lecture	MWF	1:10 PM - 2:00 PM	WELLMN	00207

Lecture—3 hours. Examination of the ancient Greek romances and their development into the grotesque realism of Petronius' Satyricon, and the religious mysticism of Apuleius' The Golden Ass. GE credit: AH, WC, WE.

3. Course Title: Design of Coffee—An Introduction to Chemical Engineering

Course Information:	SUBJ ECM ⓘ	CRSE 001	SEC A15	CREDITS 3.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Ristenpart, William Dean	Laboratory	T	8:00 AM - 9:50 AM	EVERSN	00126
Kuhl, Tonya Lynn	Lecture	M	7:10 PM - 8:00 PM	SCILEC	00123

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.

4. Course Title: World Economic History Since the Industrial Revolution

Course Information:	SUBJ ECN	CRSE 110B	SEC 001	CREDITS 4.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Meissner, Christopher M	Lecture	MWF	12:10 PM - 1:00 PM	WELLMN	00027

Lecture—3 hours; discussion—1 hour. Development and application of analytical models to explain the nature and functioning of economies since the Industrial Revolution. Examples will be drawn from a variety of societies, including England, China, Germany, and India. GE credit: SS.—II. (II.)

5. Course Title: Major Works of French Literature in Translation

Course Information:	SUBJ FRE ⓘ	CRSE 051	SEC 001	CREDITS 4.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Gynn, Noah D	Lecture	TR	10:30 AM - 11:30 AM	H GYM	00290
	Discussion	TR	11:40 AM - 11:50 AM	H GYM	00290

Lecture—2 hours; discussion—1 hour; term paper. Readings in English translation of key works of French and Francophone literature from the Middle Ages to the present. Particular attention is given to the long-standing interest of French writers in issues of social, regional, gender, sexual, and ethnic identity. GE credit: AH, WC, WE.—II. (II.)

6. Course title: European Intellectual History 1800-1870

Course Information	SUBJ	CRSE	SEC	CREDITS	
	HIS	147A	002	4.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Saler, Michael T	Lecture	TR	10:30 AM - 11:50 AM	HART	01128

Lecture—3 hours; term paper. 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.—III.

7. Course Title: Calculus for Biology and Medicine

Course Information:	SUBJ	CRSE	SEC	CREDITS	
	MAT	017C	F01	4.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Vazquez, Mariel	Lecture	MWF	12:10 PM - 1:00 PM	OLSON	00106
	Discussion	R	6:10 PM - 7:00 PM	OLSON	00141

Lecture—3 hours; discussion—1 hour. Prerequisite: course 16B, 17B, or 21B. Matrix algebra, functions of several variables, partial derivatives, systems of differential equations, and applications to biology and medicine. Not open for credit to students who have completed course 21C; only 2 units of credit to students who have completed course 16C. GE credit: SciEng | SE, SL.—III. (III.)

8. Course Title: Vector Analysis

Course Information:	SUBJ	CRSE	SEC	CREDITS	
	MAT	021D	COM	4.000	
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Guy, Robert David	Lecture	MWF	2:10 PM - 3:00 PM	GI EDT	01006
	Discussion	T	7:10 PM - 8:00 PM	WELLMN	00211

Lecture—3 hours; discussion—1 hour. Prerequisite: course 21C or 21CH. Continuation of course 21C. Definite integrals over plane and solid regions in various coordinate systems. Line and surface integrals. Green's theorem, Stoke's theorem, divergence theorem. GE credit: QL, SE.—I, II, III. (I, II, III.)

9. Course Title: Music from Latin America

Course Information:	SUBJ	CRSE	SEC	CREDITS
	MUS	127	001	4.000

INSTRUCTOR(S)

Ortiz, Pablo V	Lecture	TR	10:00 AM - 11:20 AM	MUSIC	00203
	Discussion	TR	11:30 AM - 11:50 AM	MUSIC	00203
Ortiz, Pablo V					

Lecture—3 hours; discussion—1 hour. Examination of music from Latin America. Characteristic music (i.e., tango, bossa nova, salsa, musica motena, musica andina) as well as its implications in other musical genres. Taught in English. Not open to students who have taken Spanish 171 and 171S. GE credit: AH, WC.—II.

10. Course Title: Performance and Culture Among Native Americans

Course Information:	SUBJ	CRSE	SEC	CREDITS
	NAS	125	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Perea, Jessica B	Lecture	MW	10:30 AM - 11:50 AM	EVERSN	00266

Lecture—3 hours; film viewing—3 hours. Prerequisite: upper division standing in division of humanities or social sciences or consent of instructor. Interdisciplinary study of public expressive forms among Native Americans. Comparison and analysis of music, dances, rituals, and dramas from throughout North, Central, and South America in their social and cultural contexts. Not open for credit to students who have completed Music 125. GE credit: AH or SS, WC, WE.

11. Course Title: Introduction to Comparative Politics

Course Information:	SUBJ	CRSE	SEC	CREDITS
	POL	002	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Andrews, Josephine T	Lecture	TR	8:00 AM - 9:20 AM	OLSON	00244
	Discussion	TR	9:30 AM - 9:50 AM	OLSON	00244

Lecture—3 hours; discussion—1 hour. 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.

12. Course Title: Writing in the Disciplines: Biology

Course Information:	SUBJ	CRSE	SEC	CREDITS
	UWP	102B	002	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Rinard, Brenda J.	Lecture/Discussion	TR	12:10 PM - 1:30 PM	SHLDS	0090B

Lecture/discussion-3 hours; extensive writing. Prerequisite: course 1 or English 3 or the equivalent and upper division standing. Open to majors in a biological science or to students concurrently enrolled in an upper division biological science course. Advanced instruction in writing in the discipline of biology. GE credit: Wrt (cannot be used to satisfy a college or university composition requirement and GE writing experience simultaneously). -I, II, III (I, II, III.)

13. Course Title: Writing in the Disciplines: Engineering

Course Information:	SUBJ	CRSE	SEC	CREDITS
	UWP	102E	006	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Oliver, Matthew J	Lecture/Discussion	TR	1:40 PM - 3:00 PM	OLSON	00241

Lecture/discussion-3 hours; extensive writing. Open to upper division students in the College of Engineering and to students enrolled in an upper division engineering or computer science course for the major. Advanced instruction in writing in the discipline of engineering. GE credit: (cannot be used to satisfy a college or university composition requirement and GE writing experience simultaneously). -I, II, III.

14. Course Title: Writing in the Disciplines: Human Development and Psychology

Course Information:	SUBJ	CRSE	SEC	CREDITS
	UWP	102H	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
	Lecture/Discussion	MW	1:40 PM - 3:00 PM	SHLDS	0090A

Lecture/discussion—3 hours; extensive writing. Open to majors and minors or to students concurrently enrolled in an upper division course in Human Development or Psychology. Advanced instruction in writing and practice in effective styles of communication in Human Development and Psychology. GE credit: (cannot be used to satisfy a college or university composition requirement and GE writing experience simultaneously). Not open for credit to students who have completed UWP 102A in the same academic field.—I (I).

15. Course Title: Cultural Representations of Gender

Course Information:	SUBJ	CRSE	SEC	CREDITS
	WMS	020	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Nettles-Barcelon, Kimberly	Lecture/Discussion	MW	12:10 PM - 2:00 PM	OLSON	00163

Lecture/discussion—4 hours. Interdisciplinary investigation of how specific cultures represent gender difference. Examine a variety of cultural forms and phenomena including film, television, literature, music, popular movements, and institutions. GE credit: ACGH, AH or SS, DD, VL, WC, WE.—III.

16. Course Title: Public Health, Critical Race, Gender, Sexuality, and Colonial/ Empire Formations

Course Information:	SUBJ	CRSE	SEC	CREDITS
	IST	8C	001	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Ho, Wendy	Lecture/Discussion	TR	10:00 AM – 11:50 AM	SURGE	1360

The IST 8C course is on Public Health, Critical Race, Gender, Sexuality, Disease and Colonial/Empire Formations. Embedded within these interdisciplinary discussions are key factors such as social-economic class, citizenship/governmentality, settler colonialism, nation, globalization, biopolitics, environmental sustainability. This is a seminar with interactive conversations—much like an intensive reading group and for those who enjoy reading histories about public health, scientists, medicine, diseases and how it is intimately related to the other factors in the title of the course. Backgrounds especially in history, public health, medicine, biosciences, ethnic studies, feminist and critical race studies, are encouraged. This course can provide beneficial preparation for graduate studies in intersectional and cross-disciplinary thinking, writing and communication skills. **GE credit: Social Sciences.**

Course Information:	SUBJ	CRSE	SEC	CREDITS
Course Title: Circuits I	ENG	017	003	4.000

INSTRUCTOR(S)	TYPE	DAYSTIME	BUILD	ROOM
Lewis, Stephen H	Lecture	MW 10:00 AM - 11:20 AM	HARING	01204
	Discussion	MW 11:30 AM - 11:50 AM	HARING	01204

Lecture—3 hours; discussion—1 hour. Recommended: Mathematics 22A, Mathematics 22B (may be taken concurrently; Physics 9C or 9HD (C- or better recommended). Basic electric circuit analysis techniques, including electrical quantities and elements, resistive circuits, transient and steady-state

responses of RLC circuits, sinusoidal excitation and phasors, and complex frequency and network functions. GE credit: SE, VL.—I, III. (I, III.)