

Fall 2022 Course Descriptions

Please review the course descriptions below. You should select your **top five** classes. The course selection survey will open **Wednesday, April 27 at 11:50 AM** and closes **Monday, May 2 at 8:00 AM**. Course assignments will be sent via UC Davis email on Wednesday, May 4.

- 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.
- Each honors student must complete three UHP courses during the 2022-2023 academic year (one per quarter). Taking a second course during Fall 2022 does not waive another quarter's UHP course requirement unless approved by UHP.
- All of the Honors courses are capped at 25 students each, except for ECH 1, MAT 17A, and MAT 21B which are capped at 24, 30, and 30 respectively.
- ECH 1 is part of a large general-population lecture; however, the lab section is taught by Professors Kuhl and Ristenpart instead of a TA and includes only UHP students.
- HMR 1 is part of a large general-population lecture; however, the discussion section is taught by Professor Watenpaugh instead of a TA and includes only UHP students.
- Honors courses must be taken for a letter grade and earn a minimum grade of C-; courses changed to P/NP grading will not count toward UHP requirements.
- All prerequisites listed in **red text** will not be waived for honors students. All courses with **WE** General Education credits require satisfaction of ELWR.

Note: Department course offering details--classrooms, days, and times—are subject to change. Schedule Builder provides the most accurate information to date.

COURSE OFFERINGS

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Feminist Disability Studies: Care, Kinship, and Social Welfare	202210	AMS	139	OU1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Cartwright, Ryan	Lecture	MW	10:00 AM – 11:50 AM	HART	1130

Description:

Lecture/Discussion – 4 hour(s). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Histories, theories, and practices of feminist traditions within cultural studies. Same course as WMS 139. GE credit: ACGH, AH, DD, SS, VL, **WE**.

This course introduces students to the theories, methodologies, and insights of feminist cultural studies. We will read and analyze scholarship, film, and fiction on the subjects of care, kinship, and social welfare in the U.S., focusing on feminist writing by women of color, disabled women, and queer people.

As feminist disability scholar Rosemarie Garland-Thomson has observed, “Our bodies need care; we all need assistance to live.” In different times, places, and cultures, however, there have been different ideas about what care is and how it is provided, at both the social and interpersonal level.

AMS 139 considers feminist cultural studies approaches to the following questions: What kinds of care are considered routine and rarely thought about, and which are seen as “burdens”? How is “caring labor” in the U.S.—whether domestic work, nursing, or even the emotional labor of anticipating another’s needs—distributed throughout society? Who is tasked with providing care, and how is this shaped by gender, race, class, and immigration status? How do ideas about care structure U.S. American families, relationships, workplaces, and welfare systems? What kinds of social safety nets exist? And in a more just and equitable world, what would kinship, social belonging, and vulnerability look like?

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Introduction to Archaeology	202210	ANT	003	OU1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Darwent, Christyann	Lecture	TR	1:10 PM – 3:00 PM	YOUNG	302

Description:

Lecture – 3 hours(s); Discussion – 1 hour(s). Development of archaeology as an anthropological study; objectives and methods of modern archaeology. GE credit: SE, SL, SS.

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).

I expect you to leave this class with a much better understanding of what it is that archaeologists do, and how we reconstruct the past; to become a more informed viewer of such channels as Discovery and History; and to realize that culture history is a non-renewable resource to be protected, but one that can also be exploited.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
American Neorealism, 1948-1989	202210	CDM	189	OU1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Smith, Andrew	Lecture	R	4:10 PM – 7:00 PM	CRUESS	1003

Description:

Lecture/Discussion – 3 hour(s); Discussion/Laboratory – 3 hour(s). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Special topics in cinema & digital media. May be repeated up to 2 time(s) when topic differs. GE credit: AH, VL, **WE**.

This class traces one line of Italian neorealism’s influence on American cinema over 40 years, from New York to Los Angeles and points in between. Particularly focused on work from underrepresented communities, makers, and alternative perspectives, we will also pursue historical tributaries into the contemporary moment, as we explore the neo-realist impulse in the filmmakers of today— and the next generation. This course of study will further a conversation long underway, fuel more discoveries, and inspire new writing about— as well as the collaborative creation of, via group film projects—neo-realist-influenced filmmaking.

There will be a term paper, a presentation, written responses to the films, and group projects in which we take on the ideas and practices of neo-realism in making several short films in this tradition.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Major Works of the Ancient World	202210	COM	001	0U1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Parrish, Timothy	Lecture	TR	4:40 PM – 6:00 PM	YOUNG	194

Description:

Lecture/Discussion – 4 hour(s). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Introduction, through class discussion and frequent written assignments, to some of the major works of the ancient world (up to 5th century CE) such as The Odyssey, the Bible, Augustine’s Confessions, and works by Plato and Confucius. Examined genres include religious texts, the epic, philosophy, drama, poetry. GE credit: AH, WC, **WE**.

Literary achievements are not simply the records, or by-products, of the central beliefs of a culture; they are also a means by which those ideas are created. As much as bricks and mortar, works of written and oral expression are building blocks of human culture. Recognizing this fact, this course is not arranged in simple geographic or historical terms. Rather, the course identifies several key problems that define literary expression and its relationship to the larger cultures of which it is a part—the author’s role as a creator, the relationships between individuals and the societies they comprise, the very definition of the boundaries that demarcate civilizations.

In the first two sections of the class we will be concerned with the relationship between civilization and poetry. In different ways, the epic poems of Homer and Virgil are foundational poems that imagine civilization, poetry, and history as a shared creation that goes forward and back in time through a process of continual recreation. In a sense, none of the terms mean anything except in dialogue with the other. At the same time, the works we are reading continually ask the reader who you are, to whom do you belong (history? the gods? your family? fate? your own will?), and what constitutes a good life. Where Homer and Virgil are concerned with broad questions of civilization and history, the book of Job, the Prometheus of Aeschylus, and Cervantes’ Don Quixote will allow us to bring these ancient texts into the modern world to ask the impossible question, who are you? These texts represent both the dominant voices of the cultures that we live in and have inherited; they also include alternative stories that have in important ways remained persistently and powerfully outside the main line of cultural tradition. Emphasis will be on reading as a quest, an adventure, and form of self-realization.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Design of Coffee	202210	ECH	001	AU1	3.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Kuhl, Tonya	Lecture	M	2:10 PM – 3:00 PM	WELLMN	002
Ristenpart, William	Lab/Dis	T	10:00 AM – 11:50 AM	EVERSN	126

Description:

Lectures – 1 hour(s); Laboratory – 2 hour(s); Project (Term Project) – 1 hour(s). 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.

Note: This course is a large 1-hour general population lecture, but Professors Tonya Kuhl and William Ristenpart will be teaching the small 24-person 2-hour lab.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Business, Biomes & Knowledge: Latin American Environmental History	202210	HIS	157	OU1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Perez Melendez, Jose Juan	Lecture	TR	1:40 PM – 3:00 PM	WELLMN	007

Description:

Lecture – 3 hour(s); Project (Term Project). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Introduction to the geography, political ecology, environmental movements of Latin America and the Caribbean, regional biomes, commodity markets, and the relationships between non-human ecosystems and Latin American societies. Development of extractive processes, land law, agricultural practices, scientific knowledge, and environmental conservation in neotropical forests, Sonoran Desert, the Amazon, Andes and Pampas, among other ecologies. GE credit: SS, WC, **WE**.

This course examines the historical development of ideas about harnessing, exploiting, claiming, and preserving natural environments throughout Latin America from colonial times up to the present. Through the innovative work of environmental and social historians, class discussions will survey the business cultures that developed around particular industries including mining, cattle ranching and rubber extraction, and the systems of knowledge that have emerged from an engagement with varied environments in Mexico, the Caribbean, Brazil, and the Andes, among other regions. How have ideas about “nature,” “property,” “development” and science shaped the relationship between different societies and non-human ecologies? In what ways have cultural practices and perceptions, including notions of what constitutes rightful use of the environment, historically informed policy outcomes in the region? Why does the region confront an epidemic of violence against environmental defenders? And how are Latin American and Caribbean peoples contending with the causes and consequences of climate breakdown? Paying special attention to companies as increasingly problematic but central players in conflicts over the environment, this course will also rely on music, documentary films, and literature to explore questions of responsibility, solidarity, and justice in environmental debates.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Human Wrongs/Human Rights	202210	HMR	001	AU9	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Watenpaugh, Keith	Lecture	MWF	11:00 AM – 11:50 AM	CRUESS	1002
	Discussion	M	12:10 PM – 1:00 PM	STORER	1344

Description:

Lecture – 3 hour(s); Discussion – 1 hour(s). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Introduction to Human Rights and the problems they seek to address. Using key episodes of inhumanity like slavery, genocide, and racism. Examines how international movements for social justice led to the emergence of the international Human Rights system. GE credit: AH, SS, WC, **WE**.

Note: This course is a large 1-hour general population lecture, but Professor Watenpaugh will be teaching the small 25-person 1-hour discussion.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Human Rights & Indigenous Performance	202210	HMR	140A	OU1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Perea, Jessica	Lecture	TR	12:10 PM – 1:30 PM	TLC	3218

Description:

Lecture – 3 hour(s); Term Paper/Discussion – 1 hour(s). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Arts, music, literature, film, and television in the rise of human rights movements and the protection, promotion, and violation of human rights. Topics may include: human rights & science fiction; human rights & the graphic novel; human rights & contemporary cinema; human rights & rock and roll. May be repeated up to 1 time(s) when topic differs. GE credit: AH, SS, WC, **WE**.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Special Topics in Natural Science and Mathematics: Relativity	202210	IST	8A	OU1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Wittman, David	Lecture	MW	10:00 AM – 11:50 AM	STORER	1342

Description:

Lecture – 3 hour(s); Discussion – 1 hour(s). Group study of a special topic in natural sciences and mathematics. Course varies with topic offered. Limited enrollment. May be repeated for credit. GE credit: SE, SL.

Einstein's theory of relativity is one of the triumphs of modern science. Although it has a reputation for being difficult to understand, beginners can actually master much of it by using appropriate logical and

graphical thinking tools. In this course we will start by thoroughly understanding the basic idea of relativity as understood by Galileo; no prior knowledge of physics is assumed. We will then devote about half the quarter to the modern understanding of relativity without gravity (known as special relativity) using careful construction of logical arguments, spacetime diagrams, and a small bit of algebra. When we add gravity in the final weeks, these tools will be enough to gain a solid conceptual understanding of general relativity. By the end of the course, you will be able to understand the twin paradox, time travel, and black holes.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Indian Spices, Color, and Cuisine	202210	IST	8B	OU1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Fatema, Shagufta	Lecture	MW	12:10 PM – 2:00 PM	OLSON	018

Description:

Lecture – 3 hour(s); Discussion – 1 hour(s). Group study of a special topic in humanities. Varies with topic offered. May be repeated for credit. GE credit: AH.

The culture of India is one of the most unique and diverse. It is cultivated from historic traditions, handicrafts, art, food, languages and more. This seminar class will explore three of the most important aspects of the Indian culture—food, spices, and vibrant colors associated with traditional customs such as Rangoli and henna. The classes will be voicing the value of each of these aspects and exploring how these were ancient assets of India. It will highlight the hidden importance of the spices and herbs which are used in our day-to-day life. Indian herbs and spices are the major ingredients of the cuisines, loaded with lists of powerful health benefits and alternative medicine to common ailments. Learning the magic of spices and herbs will enhance the understanding of students and it may be an addition to those who are thinking of a career in medicine. At the time of Covid-19 the pandemic, the knowledge spices have become essential for making immunity booster drinks as well. When learning about the vibrant colors and their importance in the culture of India, students will learn about traditions such as ‘Rangoli,’ an ancient piece of art where powdered color, colored rice, flowers, and other ingredients are used to decorate the entrance of the houses. Students will also learn about Indian cuisine. Not only will students learn about the use of these three aspects within the Indian culture, but they will gain practical knowledge during the class. It will be learning an ancient art as well as getting to know the rich culture of India. The last section of the seminar will be really interesting as popular Indian cuisine will be learnt and shared by the instructor. The instructor will be using audio-visual aids to make the class communicative.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Masterworks of Japanese Literature (in English)	202210	JPN	10	OU1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Sorensen, Joseph	Lecture	MW	2:10 PM – 4:00 PM	WELLMN	127

Description:

Lecture/Discussion – 4 hour(s). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Introduction to Japanese literature: readings and discussion in English of important works from earliest times to the present. GE credit: AH, WC, **WE**.

Love between men and women, boys and girls, husbands and wives. Love between parents and children, between siblings, between gods. A mother’s love, a father’s love, a child’s love. Idealized, romanticized, fantastic, and grotesque. Love for one’s sovereign, love for one’s country, love for one’s self. Passionate love, love turned cold. Love as a goal, as an escape, as a means, and as an end. These are just some of the aspects of love we will explore in this course as we survey, in English translation, selected masterpieces of Japanese literature from the 7th century into the 21st. We will consider the historical and cultural context of each work, as well as the conventions of the various genres we encounter in our readings. We will read from a wide variety of genres: poetry (both ancient and modern), myths, tales, novels, plays, and short stories.

The three major goals of the course are for students 1) to learn key concepts in Japanese culture, history, and aesthetics so that you have a foundation to better appreciate the literature, 2) to broadly see the unfolding of Japanese literary history in order to appreciate the allusive and intertextual nature of Japanese literature, and 3) to learn how to fruitfully discuss the literature with fellow students through careful and critical reading and writing.

The course is organized chronologically around a central theme: depictions of love. Among the questions to be considered throughout the course are: What kinds of love and what aspects of love are depicted in literature? How are they represented? What is not represented? How does one text and the ideas about love expressed in it relate to the other texts in this course? What does it mean to be a “masterpiece” of literature?

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Language and the Body	202210	LIN	003	AU1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Ramanathan, Vaidehi	Lecture	TR	9:00 AM – 10:50 AM	STORER	1342

Description:

Lecture— 2 hour(s); Discussion – 2 hour(s). Open to all students regardless of major. Perspectives on the role of language in issues about bodies. Language-related disabilities. Social implications of language use in discussing body-related conditions. GE credit: OL, SS.

This course introduces you to some key concerns regarding our bodies and the role of language, in both their ‘normal’ functioning and in the world. Language use is at once a body-related function (being unable to speak effectively or well as in cases of autism or dementia) and a medium by which we talk about bodies (using language when talking about a body condition like diabetes or mental illnesses). It is, thus, both a part of our bodies as well as a tool by which bodies get described and negotiated. Keeping this mind, the course seeks to offer a wide spectrum of issues regarding language and bodies, while also focusing on the following themes: Language, bodies and ‘normalcy;’ Language and autism; Language learning and dyslexia; Language and transgender issues; Language and mental health; Language and dementia; Language and deaf studies; Language and hearing aids.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Calculus for Biology and Medicine	202210	MAT	17A	0U1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
TBA	Lecture	MWF	10:00 AM – 10:50 AM	PHYSIC	148
	Discussion	T	7:10 PM – 8:00 PM	WICKSN	1020

Description:

Lecture—3 hour(s); Discussion—1 hour(s). **Prerequisite(s):** 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 MAT 016B, MAT 016C, MAT 021A, MAT 021B, or MAT 021C; only 2 units of credit to students who have completed MAT 016A. GE credit: QL, SE, SL.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Calculus	202210	MAT	21B	0U1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
TBA	Lecture	MWF	12:10 PM – 1:00 PM	WELLMN	201
	Discussion	T	4:10 PM – 5:00 PM	WELLMN	007

Description:

Lecture—3 hour(s); Discussion—1 hour(s). **Prerequisite(s):** (MAT 021A C- or better or MAT 021AH C- or better) or MAT 017A B or better. 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 MAT 016B, MAT 016C, MAT 017B, or MAT 017C. GE credit: QL, SE.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
The Human Brain & Disease	202210	NPB	12	0U1	3.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Fioravante, Diasynou	Lecture	MW	4:10 PM – 5:30 PM	WELLMN	027

Description:

Lecture—3 hour(s). Normal function and diseases of the human brain and nervous system. Diseases discussed include Parkinson's, Alzheimer's, leprosy, amnesia, and schizophrenia. Intended for non-science majors. Not open for credit for students who have completed NPB 100, NPB 101, NPB 112, or PSC 121. GE credit: SE, SL.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
The Path to Cyborgs: Introduction to Prostheses and Human Machine Interfaces	202210	NPB	17	OU1	3.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Sutter, Mitch	Lecture	MW	5:10 PM – 6:30 PM	OLSON	267

Description:

Lecture – 3 hour(s). Interface of biology and technology. Mind-controlled prosthetic limbs, artificial organs, and implantable devices. Emphasis on basic physiological functions and how they can be replaced by devices. Suitable for majors and non-majors. GE credit: SE, SL.

This course overviews how interdisciplinary scientists approach the problem of replacing body parts with artificial devices. We cover several model devices which will provide a motivation for better describing the physiological function that those devices replace. Accordingly, we approach the biology with more detail than the engineering, and the engineering more conceptually. We also emphasize ethical and societal issues raised by developing and using these devices.

The course also has a global education component. This requires one (Zoom) meeting in late summer before classes begin since Hong Kong starts their term about one month before ours. The global education component includes working with student taking a similar course at City University in Hong Kong. The global components include an ice breaker meeting where groups for global team projects are formed in the late summer. During the Fall quarter we have a global debate, an exercise where we can remotely control the movement of people's fingers across continents, and finally you will make a video with a group of combined Hong Kong and USA students.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Life, Meaning, and Identity	202210	RST	110	OU1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Janowitz, Naomi	Lecture	TR	10:30 AM – 11:50 AM	Currant Hall	1 st Floor

Description:

Lecture/Discussion – 3 hour(s); Term Paper. **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR).** Study of religious lives, the quest for meaning and for personal identity; how religions frame the problems of life; how cultural and personal crises affect youthful identity; the nature and structure of dreams, myths, and ideals. GE credit: AH, **WE**.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Knowledge Discovery in the Social Sciences	202210	SOC	195	OU1	4.000

INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Shu, Xiaoling	Lecture	T	10:00 AM – 12:50 PM	SOCSCI	1291

Description:

Seminar – 3 hour(s); Term Paper. In-depth examination of topics in sociology. Emphasis on student research and writing. May be repeated for credit when topic differs. GE credit: SS.

The rapid growth of big data has provided us with new opportunities for knowledge discovery along with many challenges. Data analytical skills are in high demand. Big data has also revolutionized scientific research with the emergence of many inter- and multi-disciplinary fields. Data mining projects require both knowledge in handling data and domain expertise to detect and discover valid and meaningful knowledge and theory. It is thus important to train students who possess expertise in substantive fields to acquire data mining skills to meet the demands on the job markets or to work on research alongside computer scientists and statisticians.

This course will cover several topics:

- 1) Concepts and development of data mining and knowledge and the role it plays in social science research;
- 2) Data pre-processing including privacy, security, data collection, data cleaning, missing data, data transformation, data visualization;
- 3) Model assessment that plains important methods and measures of model selection and model assessment, such as cross-validation and bootstrapping. It provides justifications as well as ways to use these methods to evaluate models;
- 4) Unsupervised learning: clustering and association;
- 5) Supervised learning that includes generalized regression, classification and decision trees, and neural networks; and
- 6) Exposure to topics of mining text data and network analysis.

My approach focuses on two dimensions of social science research:

- 1) I will expose students to a range of software and languages, but most importantly, I focus on the foundations of the philosophy of scientific research. Software and languages change, but the foundation of social science research will remain steady. Understanding and representing complex data, extracting and visualizing patterns from that data, and using those patterns to generate knowledge are the new bread and butter of social science research, regardless of tool or software used.
- 2) I mix more traditional social science methods with new and emerging paradigms. While everything is new, almost nothing is actually all that new. I remind students that newer methods, such as artificial neural networks, classification trees and random forests, etc, are just an extension of what we've always done as social scientists, with a few new tricks and concerns.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Dynamics of Migration and Repatriation 1986-2022	202210	SPA	169	0U1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Irwin, Robert	Lecture	TR	10:30 AM – 11:50 AM	SHREM	1303 (Art Studio)

Description:

Lectures – 3 hour(s); Project (Term Project). **Prerequisite(s): SPA 024 or SPA 024S or SPA 033 or Native Speaker/Advanced Proficiency in Spanish.** Special topics in the study of Chicax and/or Latinx literature and culture. May be repeated up to 1 time(s) when topic differs. GE credit: AH, DD.

This course will analyze the lived experiences of migrants over the past quarter century (1986 to present), reviewing historical dynamics in both migration and repatriation between Central America, Mexico, and the United States across this period. It will take into account flows of immigrants to the United States, including those of clandestine undocumented immigrants, as well as asylum seekers, including unaccompanied minors. It will also look at migration routes and methods, including the freight trains known as La Bestia, perilous desert routes such as The Devil's Highway, migrant caravans, as well as the role of coyotes (human smugglers). It will also review changing US immigration laws and policies, including the role of Immigration and Customs Enforcement (ICE), and the dramatic increases in interior deportations carried out in both the United States and Mexico. It will also address programs that protect migrants from removal, including Deferred Action for Childhood Arrivals (DACA) and also Temporary Protected Status (TPS) programs offered to certain migrants from designated countries.

It will focus special attention on recent migration deterrence policies, including the Migrant Protection Protocols (Remain in Mexico) program and Title 42 (covid19 pandemic express expulsions). It will look specifically at how all of the above are reflected in the personal narratives of migrants, drawing from UC Davis's Humanizing Deportation archive (<http://humanizandoladeportacion.ucdavis.edu/en/>), which since 2017 has published the digital stories of over 300 migrants. Students will analyze these audiovisual testimonial narratives in order understand why and how people migrate, as well as how contemporary border and migration control regimes affect the lives of migrants and their families.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Elementary Statistics	202210	STA	013	0U1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Drake, Christiana	Lecture	MW	1:10 PM – 3:00 PM	OLSON	261

Description:

Lecture – 3 hour(s); Discussion – 1 hour(s). **Prerequisite(s): Two years of high school algebra or Mathematics D.** 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 for students who have completed STA 013V, or higher. GE credit: QL, SE.

TITLE	TERM	SUBJ	CRSE	SEC	CREDITS
Style in the Essay	202210	UWP	48	0U1	4.000
INSTRUCTOR(S)	TYPE	DAYS	TIME	BUILD	ROOM
Miller, Greg	Lecture	MW	10:30 AM – 11:50 AM	TLC	2212

Description:

Lecture/Discussion – 4 hour(s). **Prerequisite(s): Completion of Entry Level Writing Requirement (ELWR). English-language proficiency.** Principles of style, language, and structure in the essay. Analysis and development of voice and genre, including sentence revision for force and clarity, and development of effective paragraphs and essays. Not open for credit to students who have taken UWP 018. GE credit: AH, **WE**.

A course in creative non-fiction that emphasizes principles of style, language, and structure in the essay. You will read a wide range of authors and experiment with multiple styles, gaining a greater understanding of strategies to appeal to diverse audiences in ways that will help you develop a more effective writing voice. This course will help you write more effectively throughout college and beyond. Students must be English-proficient in addition to having satisfied the Entry Level Writing Requirement.
