

UC Davis 2023 | Sustainability Course Inventory

Courses with a primary SDG are sustainability-focused; courses with no primary SDG are sustainability-inclusive

Years: 2019-2020, 2020-2021, 2021-2022

Course	Title	Course Description	Department	Level	Primary SDG	Secondary SDG
AAS 010	African-American Culture & Society	Critical examination of the historical, political, social, and economic factors that have affected the development and status of African-American people in contemporary society.	African American Studies	Lower Div	10	8
AAS 012	Introduction to African Studies	Introduction to African Studies which will focus on the various disciplinary perspectives through which African society and culture are generally studied. A survey of methods, resources and conceptual tools for the study of Africa.	African American Studies	Lower Div	/	16
AAS 017	Women in African Societies	Gender relations in traditional and contemporary African society. Involvement of African women in politics, religion, the economy, the arts. African responses to feminist theory. Images of women in African literature.	African American Studies	Lower Div	5	3, 8
AAS 018	Introduction to Caribbean Studies	Introduction to the contemporary culture, peoples, politics, and societies of the Caribbean. Topics include movements of people, goods and ideas across the Atlantic world and creative productions within the Caribbean.	African American Studies	Lower Div	/	5, 8
AAS 050	Black Popular Culture	Survey of the African American images in popular culture (film, television, comedy, sports and music).	African American Studies	Lower Div	/	10
AAS 100	Survey of Ethnicity in the US	Sociological and historical analysis of the experience, culture, and relations of and between groups considered racial and/or ethnic minorities in the United States.	African American Studies	Upper Div	10	/
AAS 107B	African Descent Communities & Culture in North America	Study of the origin and development of African descent communities and cultures in the U.S.A., Canada, and Mexico.	African American Studies	Upper div	/	10
AAS 107C	African Descent Communities & Culture in Asia	Study of the origin and development of African Descent communities and cultures in Asia.	African American Studies	Upper div	/	10
AAS 107D	African Descent Communities & Cultures in Europe	Study of the origin and development of African Descent communities and cultures in Europe.	African American Studies	Upper div	/	10
AAS 110	West African Social Organization	Ecology, population, social and political organization, and culture of West Africa in the precolonial, colonial, and post-colonial periods.	African American Studies	Upper Div	/	5, 10, 16
AAS 111	Cultural Politics in Contemporary Africa	Themes and style of new cultural forms in Africa as displayed in art, music, film and writing, especially in regard to blending of indigenous and foreign influences. Social and political forces shaping contemporary cultural expression.	African American Studies	Upper Div	10	/
AAS 123	Black Female Experience in Contemporary Society	Black female social, intellectual, and psychological development. Black women's contributions in history, literature, and social science; life experiences of Black women and philosophical underpinnings of the feminist movement.	African American Studies	Upper Div	10	5
AAS 130	Education in the African-American Community	Examination of the history of the education of African Americans in the United States. Examination and critique of contemporary theories concerning the schooling of African Americans. (Former AAS 140.)	African American Studies	Upper Div	4	10
AAS 141	Psychology of the African American Experience	Introduction to the psychological issues faced by African Americans. Description of any disparities in mental health care experienced by African American and Diaspora populations in the United States. Analysis of issues from European/Western and Afrocentric frame of reference. Emphasis on Optimal Theory, a psychological theory based on an Afrocentric world view.	African American Studies	Upper Div	10	3
AAS 153	African Literature	Colonial and post-colonial sub-Saharan African literature and the African oral traditions from which it emerged. Genres and themes of African literature from the 19th century to the present.	African American Studies	Upper Div	/	10
AAS 165	Afro-Christianity & the Black Church	Examination of the historical role of Christian belief and practice as well as the institution of the Black Church in the experience of African Americans, from slavery to the present.	African American Studies	Upper Div	/	10
AAS 176	The Politics of Resources	Examination of the ways in which the processes of the extraction, purification and use of natural resources and the complex regimes of valuation and commodification they (re)produce lead to cooperation and conflict in contemporary Africa and beyond.	African American Studies	Upper Div	12	16
AAS 177	Politics of Life in Africa	Existing (in)capacities in the structures of state and society in Africa for people to live well. Topics include institutions and practices that define state and civil society encounters in Africa; democracy, ethnicity, economic crisis, religion, citizenship, etc.	African American Studies	Upper Div	16	2, 5, 8, 10

AAS 178	African Modernity & Globalization	Exploration of modernity and globalization and their dimensions and impacts in/on Africa. Examination of modern necessities and constraints in Africa in relation to (neo)colonialism, transnational encounters, technology, gender, risk, ritual, identity, culture, etc.	African American Studies	Upper Div	9	5
AAS 180	Race & Ethnicity in Latin America	Social and political effects of racial and ethnic categorization in Latin America, including issues of economic production, citizenship, national belonging, and access to resources. Emphasis is on peoples of African, Indigenous, and Asian descent.	African American Studies	Upper Div	10	8, 16
AAS 181	Hip Hop in Urban America	History, aesthetics, urban context, and economics of hip-hop in the US, and its globalization. Hip-hop's four artistic elements-rap, deejaying, breakdance, and aerosol art-allow the examination of issues of race, ethnicity, and gender in youth culture and American society.	African American Studies	Upper Div	/	5, 10, 11
AAS 182	Hip Hop Culture & Globalization	Investigation of hip-hop youth cultures outside the United States using globalization and Cultural Studies theories. Analysis of international hip-hop sites in Africa, Asia, Europe, South America, and the Middle East through reading, discussion, and visiting virtual sites.	African American Studies	Upper Div	/	10
AAS 183A	Policing, Prison, & Protest in Local Perspective	Study of the history and current state of policing, prisons and protest movements in the U.S. through Black Studies framework and methods.	African American Studies	Upper div	16	10
AAS 183B	Policing, Prison, & Protest in Global Perspective	Study of the history and current workings of police, prisons, and protest movements globally through Black Studies frameworks and methods.	African American Studies	Upper div	16	10
AAS 202	Critical Foundations in African Studies	Introduction to the history and current organization of African Studies as area of intellectual investigation. Offers an opportunity to review research agenda and policy implications, debates, crises, and institutional frameworks surrounding the production of knowledge about Africa.	African American Studies	Grad	/	16
ABI 050C	Animal Biology	Animal management and conservation. Societal concerns arising from management and conservation issues, including economics, aesthetics, regulations, safety, public perspectives and advocacy	Animal Science	Lower div	15	/
ABT 049	Field Equipment Operation	Operation, adjustment, and troubleshooting of farm tractors and field equipment. Principles of operation, equipment terminology and uses of tilling, cultivating, thinning, and planting equipment. Typical sequences in cropping practices.	Biological & Agric Engr	Lower Div	2	/
ABT 060	Introduction to Unmanned Aerial Systems for Agriculture & Environmental Science	Operation, use and impact of Unmanned Aerial Systems (UAS) for applications in agriculture and environmental assessment. Principles of unmanned flight, vehicle systems, safety, and airspace regulations for communicating spatial relationships. UAS sensors, data acquisition, management, processing, visualization and analysis. Ethics and professional responsibilities in operations and public communication, and potential impacts for agricultural and environmental policy.	Biological & Agric Engr	Lower Div	/	2, 15
ABT 110	Irrigation Systems & Water Management	Soil and plant aspects of irrigation and drainage. Soil-water principles including water storage and movement, plant response to irrigation, water use by crops, irrigation systems (i.e., micro-irrigation, sprinkler irrigation and surface irrigation), and related salinity and water quality impacts.	Biological & Agric Engr	Upper Div	2	6, 15
ABT 142	Equipment & Technology for Small Farms	Types and characteristics of agricultural equipment and technologies appropriate for small commercial farming. Adjustment and calibration of equipment. Selection of and budgeting for equipment.	Biological & Agric Engr	Upper Div	2	/
ABT 161	Water Quality Management for Aquaculture	Basic principles of water chemistry and water treatment processes as they relate to aquacultural systems.	Biological & Agric Engr	Upper Div	6	2
ABT 165	Irrigation Practices for an Urban Environment	Basic design, installation, and operation principles of irrigation systems for turf and landscape: golf courses, parks, highways, public buildings, etc. Emphasis on hardware association with sprinkler and drip/trickle systems.	Biological & Agric Engr	Upper Div	2	/
ABT 165	Irrigation Practices for an Urban Environment	Basic design, installation, and operation principles of irrigation systems for turf and landscape: golf courses, parks, highways, public buildings, etc. Emphasis on hardware association with sprinkler and drip/trickle systems.	Biological & Agric Engr	Upper Div	2	/
ABT 182	Environmental Analysis Using GIS	Ecosystem and landscape modeling with emphasis on hydrology and solute transport. Spatial analysis of environmental risk analysis including ecological risk assessment, natural resource management. Spatial database structures, scripting, data models, and error analysis in GIS.	Biological & Agric Engr	Upper Div	/	12, 15

ABT 212	Path to Zero Net Energy	Zero Net Energy concepts and social, technical, economic, and environmental considerations. Multidisciplinary research and analysis for clients.	Biological & Agric Engr	Grad	7	13
ABT 233	Pest Control Practices	Practical and theoretical considerations of pest control systems and techniques. Design, selection, and use of mechanical systems for field, orchard, greenhouse, and vector control use. Biological, legal, and environmental considerations in pest control and pesticide application.	Biological & Agric Engr	Grad	/	2, 15
AED 100	Concepts in Agricultural & Environmental Education	Philosophy and nature of formal and non-formal agricultural and environmental education programs. Emphasis on understanding the role of the teacher and observing a variety of programs.	Agricultural Dean's Office	Upper Div	4	2
AED 160	Vocational Education	Philosophy and organization of vocational education, with particular reference to educational principles for agriculture commerce, home economics, and industry.	Agricultural Dean's Office	Upper Div	4	2, 9
AED 190	Seminar in Agricultural Education	Discussion of selected critical issues in agricultural education.	Agricultural Dean's Office	Upper Div	4	2
AGC 290	Seminar	Selected topics in agricultural and environmental chemistry, presented by students.	Environmental Toxicology	Grad	/	2, 15
AGC 298	Group Study	The chemistry and biochemistry of foods, nutritional chemicals, pesticides, and other special topics as they apply to agricultural and environmental chemistry.	Environmental Toxicology	Grad	/	2, 15
AHI 101	Understanding Museum Practices	Museum theory and practice. Mission of the museum to collect, preserve and educate. Museum administrative structure and the role of the curator. Visitor engagement, ethics of display, interpretation and content production.	Art & Art History	Upper Div	11	10
AHI 102	Exhibition Practicum	Curate an exhibition. Development of exhibition proposal, object selection and installation, design, lighting, creation of exhibition text and promotional material. Production of a public display for a campus museum or elsewhere.	Art & Art History	Upper Div	11	/
AHI 120A	Art, Architecture, & Human Rights	Study of human rights as they relate to art, architecture, and cultural heritage. Examines museums, art collections, and cultural-heritage management, their relation to the cultural prerogatives of communities and indigenous groups, and protection of cultural heritage during war and conflict.	Art & Art History	Upper div	11	10, 16
AHI 122	Sex & Space	Relationship between space and sexuality. Sexual metaphors in art and architecture, gender identity formation via images and space. Diverse intersections of sexuality and art history.	Art & Art History	Upper Div	/	5
AHI 123	The Museum in the Age of Spectacle	The institution of the museum in the context of modernity, nationalism, (post) colonialism, and the society of spectacle. Designed to bring art objects of the Manetti Shrem collection, global art history, and foundational critical theory together in a meaningful and experimental way.	Art & Art History	Upper Div	/	10, 11
AHI 150	Arts of Subsaharan Africa	Traditional arts and crafts of subsaharan Africa from prehistoric times to the present; the relationships among art, nature, cycles of life, and religion; art as expression of power; sculpture and culture in West and Central Africa; Colonialism and collecting.	Art & Art History	Upper Div	/	10
AHI 154	The Hindu Temple	Comparative history of architecture and symbolism of the Hindu Temple in India, Southeast Asia and the United States. Attention to the temple as expression of religious knowledge, political authority, and cultural heritage through the lens of colonialism and postcolonialism.	Art & Art History	Upper Div	/	10
AHI 181	Latin American Art and Architecture	Art and architecture of Latin America since Spanish arrival in the New World to the present. Visual, spatial, and material practices (painting, sculpture, urban form, cartography, and film, among others) from North and South America. How art and architecture shape and define colonial encounters and negotiations, religious and cultural exchange, conceptions of race and gender, and notions of nationalism and globalism.	Art & Art History	Upper Div	/	5, 10
AHI 181	Latin American Art & Architecture	Art and architecture of Latin America since Spanish arrival in the New World to the present. Visual, spatial, and material practices (painting, sculpture, urban form, cartography, and film, among others) from North and South America. How art and architecture shape and define colonial encounters and negotiations, religious and cultural exchange, conceptions of race and gender, and notions of nationalism and globalism.	Art & Art History	Upper Div	/	5, 10
AHI 183A	Art in the Age of Revolution, 1750-1850	Emergence of modernism in Europe from the late 18th century to the middle of the 19th century. Major artistic events viewed against a revolutionary backdrop of changing attitudes toward identity, race, and gender.	Art & Art History	Upper div	/	5, 10

AHI 186	Contemporary Art 1960-Present	Development of new media and aesthetics in the context of such cultural and political phenomena as the New Left, feminism, and globalization; investigation of the critical-theoretical questions of neo avant-gardism, postmodernism, and postmodernity.	Art & Art History	Upper Div /	5
AHI 187	Contemporary Architecture	Introduction to world architecture and urban design since circa 1966. Relation of influential styles, buildings, and architects to postmodern debates and to cultural, economic, technological and environmental change.	Art & Art History	Upper Div /	11
AHI 188A	The American Home	American domestic architecture and its responsiveness to changes in daily life from Colonial times to the 1960s. Vernacular developments, effects of different socioeconomic conditions, and women's role in shaping the home receive special attention.	Art & Art History	Upper div /	5
AMS 001C	American Lives Through Autobiography	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.	American Studies	Lower div /	5, 10
AMS 001E	Nature & Culture in America	Uses and abuses of nature in America; patterns of inhabitation, exploitation, appreciation, and neglect; attention to California; emphasis on metaphor as a key to understanding ourselves and the natural world; attention to models of healing: stewardship, ecology, the "rights" movement.	American Studies	Lower div 15	/
AMS 010	Introduction to American Studies	Ideals, conflicts, and realities defining American Cultures through study of popular music, advertising, and other media. Themes include Imagining America, Citizenship and Belonging, and Cultural/Spatial Practices.	American Studies	Lower Div /	10
AMS 012	U.S. Disability Culture & Medicine	Disability as a form of social exclusion; disability as social and cultural identity; intersections of disability with race, gender, class, and sexuality; popular culture, art, television, film, and literature by disabled people; critiques of medicine by people with disabilities; health disparities; ways to make medicine more inclusive.	American Studies	Lower Div 10	3, 5
AMS 021	Objects & Everyday Life	Material culture (objects and artifacts ranging from everyday objects like toys and furnishings to buildings and constructed landscapes) as evidence for understanding the everyday (vernacular) lives (gender, social class, ethnicity, region, age, and other factors; collecting and displaying material.	American Studies	Lower Div /	5, 10
AMS 055	Food in American Culture	Relationship between food and culture; relationship between food and the social order; influences on eating habits and the tensions between them including identity, convenience, and responsibility; multiple disciplines and genres.	American Studies	Lower Div 2	/
AMS 059	Music & American Culture	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.	American Studies	Lower Div /	5, 10
AMS 095	Careers & Identity in American Culture	Defining one's identity through the career. Life course, preparation, and choices. Personality and career. Ethics. Gender, ethnicity, sexuality, and social class in the workplace. Transnational workplace. Conflicts between the career and other social roles.	American Studies	Lower Div /	5, 10
AMS 101B	Special Topics: Women's Studies	Intensive reading, writing, and special projects. Interdisciplinary group study of special topics in American Culture Studies, designed for non-majors as well as majors.	American Studies	Upper div 5	/
AMS 101B	Special Topics: Queer & Trans Studies	Intensive reading, writing, and special projects in queer and/or transgender studies. Specific topic depends on research interests of the instructor.	American Studies	Upper div 10	/
AMS 110	A Decade in American Civilization	Close examination of a single decade in American civilization; the connections between the history, literature, arts, customs, and ideas of Americans living in the decade. Issues and representations of race, class, gender, age, and sexuality in the decade.	American Studies	Upper Div /	5, 10
AMS 139	Feminist Cultural Studies	Histories, theories, and practices of feminist traditions within cultural studies.	American Studies	Upper Div /	5
AMS 150	Interdisciplinary Approaches to Environmental Justice/Injustice	Environmental justice through interdisciplinary lenses. Frameworks that analyze environmental issues through the lens of social justice and human inequality, specifically categories of race, class, gender, nature and nation. Particular focus on California and the Central Valley.	American Studies	Upper Div 16	5, 10

AMS 154	The Lives of Men in America	Interdisciplinary examination of the lives of boys and men in America, toward understanding cultural definitions of masculinity, the ways individuals have accepted or resisted these definitions, and the broader consequences of the struggle over the social construction of gender.	American Studies	Upper Div	10	/
AMS 156	Race, Culture & Society in the United States	Interdisciplinary examination of the significance of race in the making of America; how race shapes culture, identities and social processes in the United States; the interweaving of race with gender, class and nationhood in self and community.	American Studies	Upper Div	10	5
ANS 112	Sustainable Animal Agriculture	Current applications of sustainable animal agriculture including the challenges of animal production, animal needs, animal well-being, and protection of the environment and resources for future food supply systems. Various scenarios for meeting sustainability objectives are evaluated using computing modeling.	Animal Science	Upper Div	2	6, 13
ANS 170	Ethics of Animal Use	Ethical issues relating to animal use in contemporary society. Integration of philosophical theories with scientific evidence relating to animal behavior, mentality, and welfare. Uses of animals in agriculture, research, and as companions. Ethical responsibilities regarding wildlife and the environment.	Animal Science	Upper Div	/	15
ANS 170	Ethics of Animal Use	Ethical issues relating to animal use in contemporary society. Integration of philosophical theories with scientific evidence relating to animal behavior, mentality, and welfare. Uses of animals in agriculture, research, and as companions. Ethical responsibilities regarding wildlife and the environment.	Animal Science	Upper Div	/	15
ANS 170	Ethics of Animal Use	Ethical issues relating to animal use in contemporary society. Integration of philosophical theories with scientific evidence relating to animal behavior, mentality, and welfare. Uses of animals in agriculture, research, and as companions. Ethical responsibilities regarding wildlife and the environment.	Animal Science	Upper Div	/	15
ANT 021	Zombies	Figure of the zombie as window into ideas about race, economic exploitation, and what it means to be human. Zombie lore in the Afro-Atlantic world and its re-imagining in contemporary pop culture.	Anthropology	Lower Div	/	10
ANT 021	Zombies	Figure of the zombie as window into ideas about race, economic exploitation, and what it means to be human. Zombie lore in the Afro-Atlantic world and its re-imagining in contemporary pop culture.	Anthropology	Lower Div	/	10
ANT 030	Sexualities	Introduction to the study of sexuality, particularly to the meanings and social organization of same-sex sexual behavior across cultures and through time. Biological and cultural approaches will be compared, and current North American issues placed in a wider comparative context.	Anthropology	Lower Div	10	/
ANT 032	Drugs, Science & Culture	Drugs, politics, science, society in a cultural perspective: emphasis on roles of science, government and the media in shifting attitudes toward alcohol, marijuana, Prozac and other pharmaceuticals; drug laws, war on drugs and global trade in sugar, opium, cocaine.	Anthropology	Lower Div	/	3
ANT 034	Cultures of Consumerism	Aspects of modern consumer cultures in capitalist and socialist countries. Transformations of material cultures over the past century. Case studies on the intersections of gender, class, and culture in everyday consumption practices.	Anthropology	Lower Div	12	/
ANT 056	Introduction to Forensic Anthropology	Survey of anthropological techniques as applied within the legal system, including scene documentation and recovery, human identification, and trauma analysis. Examination of error and uncertainty, ethics, and human rights in forensic anthropology.	Anthropology	Lower Div	/	16
ANT 101	Ecology, Nature, & Society	Interdisciplinary study of diversity and change in human societies, using frameworks from anthropology, evolutionary ecology, history, archaeology, psychology, and other fields. Topics include population dynamics, subsistence transitions, family organization, disease, economics, warfare, politics, and resource conservation.	Anthropology	Upper Div	/	3, 5
ANT 103	Indigenous Peoples & Natural Resource Conservation	Integration of the interests of resident and indigenous peoples with the conservation of natural resources and ecosystems, using case study examples from both the developing and developed world.	Anthropology	Upper Div	15	10, 12
ANT 104N	Cultural Politics of the Environment	Political economy of environmental struggles. Relationship between social inequality (based on race, class and/or gender) and ecological degradation. Articulation of local peoples, national policy, and the international global economy in the contestation over the use of environmental resources.	Anthropology	Upper div	10	15

ANT 121	Special Topics in Medical Anthropology	Introduction to critical medical anthropology. Topics include anthropological analysis of bio-medicine, psychiatry, systems of knowledge and healing, the body, emotions, and clinical encounters in a cross-cultural perspective.	Anthropology	Upper Div /	3
ANT 123AN	Resistance, Rebellion, & Popular Movements	Analysis of popular protest in Third World and indigenous societies ranging from covert resistance to national revolts. Comparative case studies and theories of peasant rebellions, millenarian movements, social bandits, Indian "wars", ethnic and regional conflicts, gender and class conflicts.	Anthropology	Upper div 16	5, 10
ANT 125B	Postmodernism(s) & Culture	U.S.-European postmodern condition. "Modernity" as an incomplete project for subordinated groups. Economic, social, technological and political conditions leading to postmodern aesthetics, in comparison with postcolonialism, feminism and minority discourse.	Anthropology	Upper div /	5, 10
ANT 125B	Postmodernism(s) & Culture	Crucial theories of modernity and post-modernity. How postmodernism is distinct from modernism, why it is related to the collapse of certainty about our collective reality and what it reveals about the status of reason, the self, and collective experience. Readings draw from various philosophical-theoretical, artistic and political literatures.	Anthropology	Upper div /	5, 10
ANT 126A	Anthropology of Development	Theories of development and current critiques. Colonial legacies and post-colonial realities. Roles of the state and NGOs, population migrations, changing gender identities, cash-earning strategies, and sustainability issues. Stresses importance of cultural understandings in development initiatives. Case studies emphasizing non-industrial societies.	Anthropology	Upper div 8	5, 10
ANT 126B	Women & Development	Current Third World and Western development issues concerning women in agriculture, industry, international division of labor, political movements, revolutions, politics of health, education, family and reproduction. Impact of colonialism, capitalism, the world system, and international feminism on women and development.	Anthropology	Upper div 5	2, 3, 4, 9
ANT 127	Urban Anthropology	Survey of approaches to urban living: political structures, organization of labor, class relations, world views. The evolution of urban life and its contemporary dilemmas. Cross-cultural comparisons discussed through case studies.	Anthropology	Upper Div /	8, 10
ANT 127	Urban Anthropology	Survey of approaches to urban living: political structures, organization of labor, class relations, world views. The evolution of urban life and its contemporary dilemmas. Cross-cultural comparisons discussed through case studies.	Anthropology	Upper Div /	8, 10
ANT 128A	Kinship & Social Organization	Comparative examination of personal kinship, descent, marriage, household and family organizations; the theories that account for variation, and recent advances in the treatment of these data.	Anthropology	Upper div /	5
ANT 128A	Kinship & Social Organization: From Clans to Countries	Family, marriage, household and social organization from a cross-cultural and evolutionary perspective. Emphasis on case studies that illustrate human variation, theories that account for this variation, and recent advances in the treatment of this data.	Anthropology	Upper div /	5
ANT 129	Health & Medicine in a Global Context	Recent works in medical anthropology and the science studies of medicine dealing with social and cultural aspects of global health issues such as AIDS, pandemics, clinical trials, cultural differences in illnesses, diabetes, organ trafficking, medical technologies, illness narratives, and others.	Anthropology	Upper Div 3	/
ANT 130BN	Migration & the Politics of Place & Identity	Internal and international migration from an anthropological perspective, including causes, processes, and political, economic, and cultural effects of spatial mobility and displacement. Emphasizes the interplay of identity, place, and power in diverse cultural and historical contexts.	Anthropology	Upper div 10	5, 8
ANT 131	Ecology & Politics	Analysis of the complex interactions between ecological dynamics and political processes employing the emerging approach of political ecology. Case studies of environmental degradation (e.g., desertification, logging, mineral extraction, petroleum, water) from various cultural and geographic regions.	Anthropology	Upper Div 15	/
ANT 133	Anthropology of Ocean Worlds	Exploration of various oceanic cultures and their engagement with the sea. Piracy, smuggling, exchange, maritime legal regimes, offshore policing, media infrastructures, and ocean ecologies.	Anthropology	Upper Div /	14

ANT 139AN	Race, Class, Gender Systems	Comparative analysis of class/race/gender inequality, concentrating on the ways in which beliefs about descent, "blood," and biological difference interact with property and marital systems to affect the distribution of power in society.	Anthropology	Upper div	10	5
ANT 139BN	Gender & Sexuality	Gender and sexuality in foraging bands, horticultural and pastoral tribes, agricultural and industrial states. Debates on cultural evolution and distribution of gender hierarchies. Impact of politics, economics, religion, social practices, women's movements on gender and sexuality. Culture, nature and sexuality.	Anthropology	Upper div	5	/
ANT 141C	People of the Arctic: Contemporary & Historic Cultures of the Circumpolar Region	Social, economic, political, and religious lives of Russian, American, Canadian, and Greenlandic Arctic people (Yup'ik, Iñupiat, Inuit). Topics include Arctic ecosystems, archaeological record of human occupation, ethnohistorical and ethnographic accounts, arctic people in popular culture, and contemporary issues.	Anthropology	Upper div	/	10, 15
ANT 142	Peoples of the Middle East	Peoples of the Middle East (including North Africa). Discussions of class relations, kinship organization, sex/gender systems, religious beliefs and behavior, ethnic relations, political systems. Impact of world systems, political and religious movements and social change. (Former ANT 136.)	Anthropology	Upper Div	/	5, 10
ANT 144	Contemporary Societies & Cultures of Latin America	Introduction to contemporary social structure of Latin America. Origins, maintenance and changes in inequality: economic responses to poverty, sociocultural responses to discrimination, and political responses to powerlessness.	Anthropology	Upper Div	10	1, 16
ANT 147	Modern South Asia Cinema	South Asian cinema of last 100 years in the context of cultural, social, and political changes. South Asian history, Independence, Partition, urban life, class, migration, postcolonial identity, diaspora, gender, sexuality, religion, sport, performance, etc.	Anthropology	Upper Div	/	5, 10, 16
ANT 148A	Culture & Political Economy in Contemporary China	Examining contemporary Chinese culture and political economy through reading ethnographic studies on recent transformations in rural and urban Chinese society. Special attention is given to state power, popular culture, spatial mobility, city space, and gender.	Anthropology	Upper div	/	5, 8, 10
ANT 155	Primate Conservation Biology	Study of the taxonomic, ecological and cultural diversity of Primates and how human activities impact tropical ecosystems. Emphasis on case studies and applied research methods. Includes discussion about career opportunities in conservation.	Anthropology	Upper Div	15	/
ANT 157	Anthropological Genetics	Method and theory of genetic and genomic analysis of molecular evolution of human and non-human primate populations. Special attention to the molecular evolutionary transition to humans and genetic differences among extant human populations and their adaptive significance.	Anthropology	Upper Div	/	3
ANT 157	Advanced Human Genetics	Advanced concepts in human genetics and genomics. Identification of genes underlying human health and disease. Use of genomic data in clinical settings and examination of biases associated with "personalized medicine." Emphasis on current human genomic technology and critical reading of scientific papers.	Anthropology	Upper Div	/	3
ANT 159	Molecular Anthropology of Native America	Use of DNA and other genetic polymorphisms to test hypotheses regarding genetic relationships among different Native American tribal groups and about prehistoric population replacements and migrations to and within the Americas. Integration with craniometric, archaeological, paleoenvironmental, linguistic and ethnohistorical evidence.	Anthropology	Upper Div	3	/
ANT 159	Disease Outbreaks in Humans and Other Primates	Impacts of infectious diseases on human and other primate populations, illustrated with past and present epidemiological studies from around the world. Theoretical concepts and applied questions, from local outbreaks to pandemics.	Anthropology	Upper Div	3	/
ANT 187	Cultural Resource Management in Archaeology	Examination of legal foundations and goals of cultural resource management in the United States, with a focus on archaeological resources. Review of state and federal regulations, guidelines for assessing eligibility for listing in the National Register of Historic Places, professional practices to preserve and mitigate damage to resources, and public outreach practices.	Anthropology	Upper Div	11	/
ANT 265	Language, Performance, & Power	Exploration of the intersection between linguistic and social theories in the language-state relation and the performance of identity. Ideological sources of language differentiation; nation-building and linguistic difference. Political economic, sociolinguistic, and ethnographic approaches to understanding linguistic inequality.	Anthropology	Grad	/	10

ARE 115A	Economic Development	Major issues encountered in emerging from international poverty, problems of growth and structural change, human welfare, population growth and health, labor markets and internal migration. Important issues of policy concerning international trade and industrialization.	Agricultural & Resource Econ	Upper div	1	3, 8, 9, 10, 17
ARE 115B	Economic Development	Macroeconomic issues of developing countries. Issues include problems in generating capital, conduct of monetary and fiscal policies, foreign aid and investment. Important issues of policy concerning international borrowing and external debt of developing countries.	Agricultural & Resource Econ	Upper div	8	17
ARE 115BY	Economic Development	Macroeconomic issues of developing countries. Problems in generating capital, conduct of monetary and fiscal policies, foreign aid and investment. Issues of policy concerning international borrowing and external debt of developing countries.	Agricultural & Resource Econ	Upper div	8	17
ARE 121	Economics of Agricultural Sustainability	Application of economic concepts to agro-environmental issues relevant to agricultural sustainability. Topics include market efficiency, production externalities, government policies, agricultural trade, product differentiation, all linked to sustainability issues. Case studies include biofuels, genetically modified foods and geographically differentiated products.	Agricultural & Resource Econ	Upper Div	2	13
ARE 130	Agricultural Markets	Nature, function, organizational structure, and operation of agricultural markets; prices, costs, and margins; market information, regulation, and controls; cooperative marketing.	Agricultural & Resource Econ	Upper Div	2	/
ARE 130	Agricultural Markets	Nature, function, organizational structure, and operation of agricultural markets; prices, costs, and margins; market information, regulation, and controls; cooperative marketing.	Agricultural & Resource Econ	Upper Div	2	/
ARE 138	International Commodity & Resource Markets	Basic nature and scope of international trade in agricultural commodities, agricultural inputs, and natural resources. Market dimensions and policy institutions. Case studies to illustrate import and export problems associated with different regions and commodities.	Agricultural & Resource Econ	Upper Div	2	12
ARE 140	Farm Management	Farm organization and resources; economic and technological principles in decision making; analytical techniques and management control; problems in organizing and managing the farm business.	Agricultural & Resource Econ	Upper Div	2	/
ARE 146	Business, Government Regulation, & Society	Variety, nature and impact of government regulation: anti-trust laws and economic and social regulation. Nature of the legislative process, promulgation of regulations, and their impact, especially as analyzed by economists.	Agricultural & Resource Econ	Upper Div	8	/
ARE 150	Agricultural Labor	Analysis of labor markets with focus on U.S. and world agriculture. Labor supply, demand, market equilibrium; why farm labor markets are different; global trends in farm labor; U.S. farm labor history; unions and collective bargaining; immigration policy.	Agricultural & Resource Econ	Upper Div	8	10
ARE 166	Economics of Global Poverty Reduction: What Works & Why	Application of microeconomic theory and econometrics to understand causes of poverty and critically evaluate poverty alleviation policies in low income countries.	Agricultural & Resource Econ	Upper Div	1	/
ARE 166	Economics of Global Poverty Reduction: What Works & Why	Application of microeconomic theory and econometrics to understand causes of poverty and critically evaluate poverty alleviation policies in low income countries.	Agricultural & Resource Econ	Upper Div	1	/
ARE 175	Natural Resource Economics	Economic concepts and policy issues associated with natural resources, renewable resources (ground water, forests, fisheries, and wildlife populations) and non-renewable resources (minerals and energy resources, soil).	Agricultural & Resource Econ	Upper Div	12	6, 7, 14, 15
ARE 176	Environmental Economics	Role of the environment in economic activity and methods for protecting and enhancing environmental quality; implications of market failures for public policy; design of environmental policy; theory of welfare measurement; measuring the benefits of environmental improvement.	Agricultural & Resource Econ	Upper Div	15	/
ARE 214	Development Economics	Review of the principal theoretical and empirical issues whose analysis has formed development economics. Analysis of economic development theories and development strategies and their application to specific policy issues in developing country contexts.	Agricultural & Resource Econ	Grad	/	8
ARE 215A	Microdevelopment Theory & Methods I	Agricultural development theory, with a focus on microeconomics. Agricultural household behavior with and without imperfections and uncertainty. Analysis of rural land, labor, credit and insurance markets, institutions, and contracts.	Agricultural & Resource Econ	Grad	/	2, 8

ARE 215B	Open Macroeconomics of Development	Models and policy approaches regarding trade, monetary and fiscal issues, capital flows and debt are discussed in the macroeconomic framework of an open developing country. Basic analytical focus is real exchange rate and its impact on sectoral allocation of resources.	Agricultural & Resource Econ	Grad	17	/
ARE 215C	Microdevelopment Theory & Methods II	Extension of development theory and microeconomic methods. Agricultural growth and technological change; poverty and income inequality; multisectoral, including village and regional models. Computable general equilibrium methods and applications.	Agricultural & Resource Econ	Grad	/	1, 2, 9, 10
ARE 223	Economics of Agriculture	Analytic treatment of the historical development and contemporary role of agriculture in the global, U.S. and California economies. Uses economic reasoning and evidence to develop historical and conceptual understanding of the economics of agriculture, agricultural issues, and related government policies.	Agricultural & Resource Econ	Grad	/	2
ARE 232	Agricultural Commodity Markets	Economic analysis of industries that produce, market, transport, store, and process basic commodities. Analysis of market equilibrium under perfect and imperfect competition, with and without government involvement.	Agricultural & Resource Econ	Grad	/	9
ARE 233	Agricultural Policy	Nature, formation, evolution, and institutions of economic policy applied to food, agricultural, and rural issues. Examples for detailed consideration include food security, commodity issues, and trade policy. Analytical approaches include static and dynamic welfare analysis, policy design, and political-economic analysis.	Agricultural & Resource Econ	Grad	8	2, 17
ARE 271	Financial Economics	Risk, aversion, choice under uncertainty. Arrow-Debreu securities. Valuation and risk characteristics of financial assets, capital allocation, portfolio selection, Capital Asset Pricing Model, efficient market hypothesis. Applications to topics in agricultural, resource and development economics.	Agricultural & Resource Econ	Grad	/	2, 12
ARE 275	Economic Analysis of Resource & Environmental Policies	Development of externality theory, market failure concepts, welfare economics, theory of renewable and non-renewable resource use, and political economic models. Applications to policy issues regarding the agricultural/environment interface and managing resources in the public domain.	Agricultural & Resource Econ	Grad	12	15
ARE 276A	Environmental Economics: Externalities	Introduces fundamental and recent research in environmental economics, focusing on the design, implementation and evaluation of environmental policy instruments to correct market failures. Exposure to economic theories and empirical techniques frequently used in this field.	Agricultural & Resource Econ	Grad	8	/
ARE 276B	Environmental Economics: Non-Market Valuation	Second Ph.D. field course in environmental economics, covering theory and econometrics of methods for valuing non-market goods and environmental quality changes. Topics include revealed preference (travel cost, hedonics, sorting equilibrium) and stated preference (contingent valuation, choice experiments, conjoint analysis) techniques.	Agricultural & Resource Econ	Grad	8	/
ARE 277	Natural Resource Economics	Application of capital theory and dynamic methods to issues of optimal use of renewable and nonrenewable resources. Examination of policy issues associated with forests, fisheries, groundwater, energy resources, watersheds, soil, global climate, and wildlife.	Agricultural & Resource Econ	Grad	12	6, 7, 13, 14, 15
ARE 293	Analysis of California Agriculture & Resources	Review and analysis of production, marketing, and resource issues facing agricultural firms in California. Application of economic theory and measurement to individual firm and industry decisions in an applied setting. Fieldwork-45 hours total, including one five-day summer field trip.	Agricultural & Resource Econ	Grad	2	9, 12
ARE 298	Directed Group Study	Advanced study through special seminars, informal group studies, or group research on problems for analysis and experimentation. Sections:(1) Managerial Economics; (2) Agricultural Policy; (3) Community & Regional Development; (4) Natural Resources; (5) Human Resources; (6) Research Methods & Quantitative Analysis.	Agricultural & Resource Econ	Grad	/	2, 8, 12
ARE 299	Individual Study	Sections: (1) Managerial Economics; (2) Agricultural Policy; (3) Community & Regional Development; (4) Natural Resources; (5) Human Resources; (6) Research Methods & Quantitative Analysis; and (7) Dissertation Research Prospectus.	Agricultural & Resource Econ	Grad	/	2, 8, 12
ASA 002	Contemporary Issues of Asian Americans	Introduction to Asian American Studies through the critical analysis of the impact of race, racism, ethnicity, imperialism, militarism, and immigration since post-World War II on Asian Americans. Topics may include sexuality, criminality, class, hate crimes, and inter-ethnic relations.	Asian American Studies	Lower Div	10	16

ASA 004	Asian American Cultural Studies	Interdisciplinary course examines the multiple ways in which race, class, sexuality and gender, as well as the recent turn to transnationalism and postcolonial theory, have changed the ways we read Asian American literature and see art, theater and film.	Asian American Studies	Lower Div	10	5
ASA 004	Asian American Cultural Studies	Interdisciplinary course examines the multiple ways in which race, class, sexuality and gender, as well as the recent turn to transnationalism and postcolonial theory, have changed the ways we read Asian American literature and see art, theater and film.	Asian American Studies	Lower Div	10	5
ASA 100	Asian American Communities	Survey and analysis of Asian American communities within both historical and contemporary contexts. Presentation of the analytical skills, theories, and concepts needed to describe, explain, and understand the diversity of Asian American communities within the larger, dominant society.	Asian American Studies	Upper Div	10	5
ASA 102	Theoretical Perspective in Asian American Studies	Explores major theories of race and its intersections with class, gender, and sexuality from interdisciplinary perspective. Introduces key theoretical developments, issues, debates. Through case studies, analyzes ways various theoretical frameworks and perspectives have been incorporated into range of scholarship.	Asian American Studies	Upper Div	10	5
ASA 102	Theoretical Perspectives in Asian American Studies	Critically examines major theoretical perspectives and approaches central to the intellectual and political concerns of Asian American studies as a distinct field of intellectual inquiry and sustained site of critique.	Asian American Studies	Upper Div	10	5
ASA 112	Asian American Women	Experiences of Asian American women from major ethnic subgroups comparatively examined in their social, economic and historical contexts using theoretical perspectives from social sciences, humanities/arts: identity, racialization, immigration, gender, sexuality, labor, socialization, cultural expression, social movements and feminist theorizing.	Asian American Studies	Upper Div	10	5, 8
ASA 114	Asian Diasporas	Asian diasporic communities and the experiences of its members in the United States and internationally. Community building, cyberspace, gender issues, labor, transnational practices, effects of globalization, political organizing, homeland politics, humanitarian projects, citizenship and nationalism.	Asian American Studies	Upper Div	10	5, 8, 16
ASA 115	Multiracial Asian Pacific American Issues	Introduction to the experiences of biracial and multiracial Asian Pacific people in the U.S., concentrating on theories of race, racial identity formation, culture, media, and anti-racist struggles. Critical approaches to the analysis of popular media and academic representations.	Asian American Studies	Upper Div	10	/
ASA 116	Asian American Youth	Social experiences of diverse groups of Asian American youth. Ways in which youth themselves actively create cultural expressions and political interventions.	Asian American Studies	Upper Div	/	10, 16
ASA 132	Health Issues Confronting Asian Americans & Pacific Islanders	Health issues confronting Asian Americans & Pacific Islanders.	Asian American Studies	Upper Div	3	10
ASA 150E	Southeast Asian American Experience	Historical survey of Southeast Asian experiences with special focus on United States involvement and post 1975 migrations. Defines international and transnational conditions that led up to the large exodus and resettlement of Southeast Asians.	Asian American Studies	Upper div	10	/
ASA 150F	South Asian American History, Culture, & Politics	South Asian American experiences, focusing on the histories, cultures, and politics of Indian, Pakistani, Bangladeshi, and Sri Lankan communities in the U.S. Interdisciplinary approaches to migration, labor, gender, racialization, ethnicity, youth, community mobilization.	Asian American Studies	Upper div	/	5, 10
ASA 150	Filipino American Experience	Examination of the relationship between the Filipino-American community, the Philippine home community and the larger American society through a critical evaluation of the historical and contemporary conditions, problems and prospects of Filipinos in the U.S.	Asian American Studies	Upper Div	10	/
ASA 155	Asian American Legal History	Legal history of Asian Americans, from the mid-19th century to present. Laws and administrative policies affecting Asian American communities, including those governing immigration, social and economic participation, WWII internment, and affirmative action.	Asian American Studies	Upper Div	10	/
ASA 189B	Topics in Asian American Studies: Culture	Intensive treatment of a topic in Asian American Studies; culture.	Asian American Studies	Upper div	/	10
ASA 189D	Topics in Asian American Studies: Policy & Community	Intensive treatment of a topic in Asian American Studies: policy and community.	Asian American Studies	Upper div	10	/

ATM 005	Global Climate Change	Scientific concepts needed to understand climate and climate change. Principles of regional variations in climate. Understanding observed seasonal, decadal and millennial changes. Analysis of the Antarctic ozone hole, El Nino and human-induced global warming.	Land, Air, & Water Resources	Lower Div	13	/
ATM 006	Fundamentals of Atmospheric Pollution	Effects of human emissions on the atmosphere: smog, ozone pollution, and ozone depletion; indoor air pollution; global warming; acid rain. Impacts of these problems on the earth, ecosystems, and humans. Strategies to reduce atmospheric pollution.	Land, Air, & Water Resources	Lower Div	3	13, 15
ATM 116	Modern Climate Change	Factors that determine the Earth's climate, including natural and human-caused changes. Impacts of climate change. Possible future climates and policies to reduce human emissions of greenhouse gases.	Land, Air, & Water Resources	Upper Div	13	/
ATM 149	Air Pollution	Physical and technical aspects of air pollution. Emphasis on geophysical processes and air pollution meteorology as well as physical and chemical properties of pollutants.	Land, Air, & Water Resources	Upper Div	3	13
ATM 149	Air Pollution	Physical and technical aspects of air pollution. Factors that determine local, regional, and global air quality; climate change; and physical and chemical properties of pollutants.	Land, Air, & Water Resources	Upper Div	3	13
ATM 158	Boundary-Layer Meteorology	Dynamics of the atmosphere nearest the Earth's surface. Friction and heat transfer. Properties of turbulent flows; statistical and spectral techniques; use and interpretation of differential equations. Emphasis on the importance to weather, air pollution, and the world's oceans.	Land, Air, & Water Resources	Upper Div	/	3
ATM 160	Introduction to Atmospheric Chemistry	Quantitative examination of current local, regional and global problems in atmospheric chemistry (including photochemical smog, acid deposition, climate change, and stratospheric ozone depletion) using fundamental concepts from chemistry. Basic chemical modeling of atmospheric reaction systems.	Land, Air, & Water Resources	Upper Div	3	13
ATM 241	Climate Dynamics	Dynamics of large-scale climatic variations over time periods from weeks to centuries. Description of the appropriate methods of analysis of atmospheric and oceanic observations. Conservation of mass, energy and momentum. Introduction to the range of climate simulations.	Land, Air, & Water Resources	Grad	/	13
ATM 245	Climate Change, Water & Society	Integration of climate science and hydrology with policy to understand hydroclimatology and its impact upon natural and human systems. Assignments: readings, take-home examination on climate and hydrologic science, paper that integrates course concepts into a research prospectus or review article.	Land, Air, & Water Resources	Grad	13	6
AVS 013	Birds, Humans & the Environment	Interrelationships of the worlds of birds and humans. Lectures, discussions, field trips and projects focus on ecology, avian evolution, physiology, reproduction, flight, behavior, folklore, identification, ecotoxicology and conservation. Current environmental issues are emphasized. Half-day field trip.	Animal Science	Lower Div	/	15
AVS 115	Raptor Biology	Study of birds of prey: classification, distribution, habits, migration, unique anatomical and physiological adaptations, natural and captive breeding, health and diseases, environmental concerns, conservation, legal considerations, rehabilitation, and falconry. Includes two Saturday field trips.	Animal Science	Upper Div	/	15
BIM 106	Biotransport Phenomena	Principles of momentum and mass transfer with applications to biomedical systems; emphasis on basic fluid transport related to blood flow, mass transfer across cell membranes, and the design and analysis of artificial human organs.	Biomedical Engineering	Upper Div	/	3
BIM 106	Biotransport Phenomena	Principles of momentum and mass transfer with applications to biomedical systems; emphasis on basic fluid transport related to blood flow, mass transfer across cell membranes, and the design and analysis of artificial human organs.	Biomedical Engineering	Upper Div	/	3
BIM 106	Biotransport Phenomena	Principles of momentum and mass transfer with applications to biomedical systems; emphasis on basic fluid transport related to blood flow, mass transfer across cell membranes, and the design and analysis of artificial human organs.	Biomedical Engineering	Upper Div	/	3
BIM 171	Clinical Applications for Biomedical Device Design	Clinical applications for biomedical devices with emphasis in the pathophysiology of common diseases as it relates to the biodesign process, biosensors principles, in vitro diagnostics, needs assessment, and regulatory considerations.	Biomedical Engineering	Upper Div	3	/

BIM 216	Advanced topics in Cellular Engineering	Advanced research strategies and technologies used in the study of immune function and inflammation. Static and dynamic measurements of stress, strain, and molecular scale forces in blood and vascular cells, as well as genetic approaches to the study of disease.	Biomedical Engineering	Grad	/	3
BIS 010	Everyday Biology	Everyday biological concepts using contemporary readings for non-scientists. Key topics include: personal genomics; food and health; climate and evolution; brain biology and the law. Innovative projects apply biological concepts to current events. For students not specializing in biology.	Biological Sciences	Lower Div	/	2, 3, 13
BIS 010	Everyday Biology	Everyday biological concepts using contemporary readings for non-scientists. Key topics include: personal genomics; food & health; climate & evolution; brain biology & the law. Innovative projects apply biological concepts to current events. For students not specializing in biology.	Biological Sciences	Lower Div	/	2, 3, 13
BIT 001Y	Introduction to Biotechnology	Principles and technologies of biotechnology as applied to agriculture, the environment, and medicine. Business plans and presentation pitches for new biotechnology products. Bioinformatics approaches exploring genomic databases and DNA manipulations in silica.	Plant Sciences	Lower div	/	2, 3, 7, 13
BIT 160	Principles of Plant Biotechnology	Principles and concepts of plant biotechnology including recombinant DNA technology, molecular biology, genomics, cell and tissue culture, gene transfer and crop improvement strategies using transgenic crops.	Plant Sciences	Upper Div	/	2
CDM 001	Introduction to Film Studies	Analysis of film form and narrative, including cinematography, editing, and sound. Issues in film studies including authorship, stardom, race, gender, class, and cultural identity. Introduction to selected cinematic movements and national film traditions.	Cinema and Digital Media	Lower Div	/	5, 10
CDM 041B	History of Cinema from 1945-Present	Examines cinema from 1945 through the present, with focus on neo-realist, new wave and third-world movements. Examines social critique in cinema from studio system to New Wave, Cine Novo, postcolonial cinema and contemporary independent cinema.	Cinema and Digital Media	Lower div	/	10
CDM 041B	History of Cinema from 1945-Present	Examines cinema from 1945 through the present, with focus on neo-realist, new wave and third-world movements. Examines social critique in cinema from studio system to New Wave, Cine Novo, postcolonial cinema and contemporary independent cinema.	Cinema and Digital Media	Lower div	/	10
CDM 041BV	History of Cinema from 1945-Present	Examines cinema from 1945 through the present, with focus on neo-realist, new wave and third-world movements. Examines social critique in cinema from studio system to New Wave, Cine Novo, postcolonial cinema and contemporary independent cinema.	Cinema and Digital Media	Lower div	/	10
CDM 105	Feminist Media Production	Media production as a mode of cultural criticism, furthering feminist and social justice goals. Fundamentals of camera, editing and distribution via a social engagement model. Study and hands-on response to key historic and contemporary feminist and social justice media discourses.	Cinema and Digital Media	Upper Div	/	5, 10
CDM 156	Epic Television: The Golden Age of TV? Sopranos, Wire, Girls, Walking Dead	Critically celebrated scripted television since the mid-1990s. Key themes including class, ethnicity, race, violence, and US politics. Major developments in the medium's history as context for recent wave of epic television.	Cinema and Digital Media	Upper Div	/	10, 16
CDM 167	Topics in Film Genres	Study of one or more of the film genres (such as musicals, film noir, screwball comedy, or westerns), including genre theory and the relationship of the genre(s) to culture, history, and film industry practices. May be taught abroad.	Cinema and Digital Media	Upper Div	/	4
CHE 100	Environmental Water Chemistry	Practical aspects of water chemistry in the environment, including thermodynamic relations, coordination chemistry, solubility calculations, redox reactions and rate laws. Computer modeling of the evolution in water chemistry from contact with minerals and gases.	Chemistry	Upper Div	6	/
CHE 100	Environmental Water Chemistry	Practical aspects of water chemistry in the environment, including thermodynamic relations, coordination chemistry, solubility calculations, redox reactions and rate laws. Computer modeling of the evolution in water chemistry from contact with minerals and gases.	Chemistry	Upper Div	6	/
CHI 010	Introduction to Chicana/o Studies	Analysis of the situation of the Chicana/o (Mexican-American) people, emphasizing their history, literature, political movements, education and related areas.	Chicano/a Studies	Lower Div	/	4, 10, 16

CHI 021S	Chicana/o & Latina/o Health Care Issues	Overview of health issues of Chicanas/os and Latinas/os in the State of California; role of poverty/lack of education and limited access to health care. All course instruction in Spanish. May be taught abroad.	Chicano/a Studies	Lower div	3	1, 4
CHI 021	Chicana/o & Latina/o Health Care Issues	Overview of health issues of Chicanas/os and Latinas/os in the State of California; role of poverty/lack of education in limited access to health care.	Chicano/a Studies	Lower Div	3	1, 4
CHI 023	Qualitative Research Methods	Dominant models of qualitative inquiry in educational and social science research as well as mestizo approaches to research with latinos. Emphasis given to choosing and designing culturally appropriate strategies to investigate latino health, education, social context, and policy issues.	Chicano/a Studies	Lower Div	4	3, 16
CHI 030	United States Political Institutions & Chicanas/os	Overview of the major political institutions and ideologies of the United States and the Chicana/o people's historical and contemporary role in, effects from, and responses to them. Theory, method and critical analysis.	Chicano/a Studies	Lower Div	16	/
CHI 040	Comparative Health: Top Leading Causes of Death	Introduction to the epidemiology of the leading causes of death for ethnic/racial minorities. Assessment of disproportionate rates at which ethnic/racial minorities suffer and die from chronic and infectious diseases and injuries and statistical methods used to calculate these rates.	Chicano/a Studies	Lower Div	3	10
CHI 042	Food Justice: Chicana/o & Indigenous Communities	Issues surrounding food justice in Chicana/o and Indigenous Communities. Emphasis on discourses and practices of growing a food justice movement centered on the ecological care of the earth and decolonized environmental methodologies.	Chicano/a Studies	Lower Div	2	10
CHI 065	New Latin American Cinema	Historical, critical, and theoretical survey of the cinemas of Latin America and their relationship to the emergence of U.S. Latino cinema. Emphasis on representation and social identity including gender, sexuality, class, race and ethnicity	Chicano/a Studies	Lower Div	/	5, 10
CHI 070	Survey of Chicana/o Art	Survey of contemporary Chicana/o art in context of the social turmoil from which it springs. Includes political use of the poster and the mural, the influence of the Mexican mural and graphic movement, and social responsibility of the artist.	Chicano/a Studies	Lower Div	/	16
CHI 102B	Grassroots Community Activism & Mobilization Efforts Challenging Educational Inequity	Exploration and research on effective grassroots community activism and mobilization efforts by Chicana/o students, along with their teachers, families, and other allies to protest structured inequality of the U.S. educational system. Mentoring and tutoring in a school under the supervision of a faculty member is required.	Chicano/a Studies	Upper div	10	4
CHI 110	Sociology of the Chicana/o Experience	The Chicana/o experience in the American society and economy viewed from theoretical perspectives. Immigration, history of integration of Chicana/o labor into American class structure, education inequality, ethnicity, the family and Chicana/o politics. (Former course SOC 110.)	Chicano/a Studies	Upper Div	10	4, 8
CHI 112	Globalization, Transnational Migration, & Chicana/o & Latina/o Communities	Chicana/o and Latina/o migration experiences within a global context. Topics include national and/or transnational migration in Mexico, Central America, and the United States.	Chicano/a Studies	Upper Div	10	/
CHI 113	Latin American Women's Engagement in Social Movements	Examination of how women of different racial/ethnic and class backgrounds in Latin America challenge their marginalization. Exploration of US foreign policy, its effects on Latin American's institutions and on Latin American citizens. Using Chicana feminist perspective.	Chicano/a Studies	Upper Div	5	10, 16
CHI 114	Women of Color Reproductive Health & Reproductive Politics in a Global Perspective	Study contemporary issues in reproductive health and reproductive politics, both globally and in the U.S., for women of color.	Chicano/a Studies	Upper Div	5	10
CHI 121	Chicana/o Community Mental Health	Mental health needs, problems, and service utilization patterns of Chicanas/os and Latinas/os will be analyzed. Analysis of social service policy, and the economic context of mental health programs.	Chicano/a Studies	Upper Div	3	/
CHI 122	Psychology Perspectives Chicana/o & Latina/o Family	Role of migration and acculturation on family structure and functioning. From a psychological and Chicana/o Studies perspective, contemporary gender roles and variations in family structures are examined. Special topics include family violence, addiction, family resilience and coping strategies.	Chicano/a Studies	Upper Div	/	5

CHI 123	Psychological perspectives on Chicana/o & Latina/o Children & Adolescents	Psychological and educational development of Chicano/Latino children and adolescents, with particular attention to the formation of ethnic, gender, class, race, and sexual identities.	Chicano/a Studies	Upper Div	/	4, 5, 10
CHI 125S	Latino Families in the Age of Globalization: Migration & Transculturation	Impact of globalization on Latino families in the American continent. Relationships of political structure, economics and family. Intimate partner violence, child maltreatment and alcohol/drug abuse in contemporary Latino families. Offered in a Spanish speaking country; may be taught abroad.	Chicano/a Studies	Upper div	/	3, 5, 16
CHI 130	United States-Mexican Border Relations	Theories of U.S.-Mexican border relations, with an overview of the political, economic, and social relationships and an in-depth analysis of immigration issues, border industrialization, women's organizations, economic crises, and legal issues.	Chicano/a Studies	Upper Div	/	5, 10
CHI 131	Chicanas in Politics & Public Policy	Historical and political analysis of Chicana/Latina political involvement and activities in the general political system, women's movement, Chicano movement, and Chicana movement. Examines the public policy process and the relationship of Chicanas/Latinas to public policy formation.	Chicano/a Studies	Upper Div	16	5
CHI 140A	Quantitative Methods: Chicano/Latino Health Research	Focuses on measuring Latino/Chicano health outcomes using a quantitative approach. Assesses main types of study designs and addresses measurement of disease frequency and health effects.	Chicano/a Studies	Upper div	3	/
CHI 141	Community-Based Participatory Research & Chicana/o & Latina/o Health	Overview of CBPR, as well as methodological CBPR considerations in building community partnerships, community assessment, issue analysis, research planning, data gathering, and data sharing with Chicana/o and Latina/o communities in particular.	Chicano/a Studies	Upper Div	10	17
CHI 145S	Bi-National Health	Examination of health status and intervention strategies presented in public health care settings, private clinics and by indigenous healers in Mexico. Analysis of impact of high risk diseases. Offered in a Spanish speaking country under supervision of UC Davis faculty/lecturer; may be taught abroad.	Chicano/a Studies	Upper div	3	/
CHI 147S	Indigenous Healing & Biodiversity in Latin America	Contrast between western and traditional healing practices in Latin America and the role of the natural environment in creating sustainable health delivery systems. Questions of health status attributable to public health and environmental risk factors. May be taught abroad.	Chicano/a Studies	Upper div	3	/
CHI 148	Decolonizing Spirit	Legacies of colonization and decolonization; indigenous forms of spirituality and sacredness. Emphasis on remembering traditions, practices, relations, and forms of indigenous knowledge.	Chicano/a Studies	Upper Div	11	10
CHI 154	The Chicana/o Novel	Introduction to the forms and themes of the Chicana/o novel with special attention to the construction of gender, nationality, sexuality, social class, and the family by contemporary Chicana/o novelists. Bilingual readings, lectures, discussions, and writing in Spanish. (Former course SPA 126A.)	Chicano/a Studies	Upper Div	/	5, 10
CHI 155	Chicana/o Theater	Examination of the formal and thematic dimensions of Chicana/o theater in the contemporary period with special emphasis on El Teatro Campesino and Chicana Feminist Theater. Bilingual readings, lectures, discussions, and writing in Spanish. (Former course SPA 126B.)	Chicano/a Studies	Upper Div	/	5
CHI 160	Mexican Film & Greater Mexican Identity	Survey of the role Mexican cinema plays in consolidation and contestation of post-revolutionary Mexican state and in the formation of a Greater Mexican cultural identity including Chicana/o identity. Showcases genres, perios, auteurs, movements and emphasis on gendered and sexualized narratives.	Chicano/a Studies	Upper Div	/	5
CHI 161	Queer Latinidad	Introduction to queer Latina and Latino studies with a focus on Chicana and Chicano theory and cultural production.	Chicano/a Studies	Upper Div	10	/
CHI 165	Chicanas, Latinas & Mexicanas in Commercial Media	The portrayal of Chicanas, Latinas and Mexicanas in commercial media. The relation between the representation of Chicana, Latina, and Mexicana women in commercial television and cinema and the role of women in Mexican and U.S. societies.	Chicano/a Studies	Upper Div	5	/
CHI 182	Race & Juvenile Justice	Individual and institutinal rnspses to "troublesome" youth of color through history and in contemporary siciety. Emphasis on how race, as well as ethnicity, class, and gender have informed the treatment of "delinquent" youth.	Chicano/a Studies	Upper Div	10	16
CHI 184	Latino Youth Gangs in Global Perspective	Comparative analysis of Latino youth gangs in Europe, Latin America, and the United States. Social, economic, political, and cultural factors leading to youth gangs as well as the responses are considered within a global perspective.	Chicano/a Studies	Upper Div	16	/

CHI 241	Community Based Health Research	Provides knowledge and skills to plan and implement public health projects that highlight the intersection of social determinants of health within a community empowerment framework.	Chicano/a Studies	Grad	3	/
CHI 241	Community Based Participatory Research	Provides knowledge & skills to plan and implement participatory & community based projects that highlight community empowerment framework.	Chicano/a Studies	Grad	3	/
CHN 101	Chinese Film	English language survey of Chinese film, from its inception to the end of the 20th century. Chinese films as important texts for understanding national, transnational, racial, gender, and class politics of modern China.	East Asian Lang and Cultures	Upper Div	/	5, 10
CHN 101	Chinese Film	English language survey of Chinese film, from its inception to the end of the 20th century. Chinese films as important texts for understanding national, transnational, racial, gender, and class politics of modern China.	East Asian Lang and Cultures	Upper Div	/	5, 10
CHN 109A	Topics in Chinese Literature: Crime & Punishment	Topics in Chinese literature; crime and punishment.	East Asian Lang and Cultures	Upper div	16	/
CHN 109A	Topics in Chinese Literature: Crime & Punishment	Examines how crime and punishment have been represented in traditional Chinese short stories, novels, operas, and histories.	East Asian Lang and Cultures	Upper div	16	/
CLA 015	Women & Gender in Classical Antiquity	Lives and roles of women and men in ancient Greece and Rome. Readings from history, philosophy, medical and legal documents, literature and myth.	Interdept Program in Classics	Lower Div	/	3, 5
CLA 051	Ancient Medicine	Medicine in ancient Greece and Rome; physiological conceptions of the body within scientific and social frameworks; exploration of sanitation technology and health in antiquity; medical treatment of the female body; medicine and the economy.	Interdept Program in Classics	Lower Div	/	3, 5, 6
CLH 202	Introduction to Clinical Research	Anatomy and physiology of conducting clinical epidemiologic research. Familiarity with three basic study designs: cross-sectional, case-control, and cohort. Discussion of principles of measurements in clinical epidemiological studies, basic methods for analyzing data, and ethical issues involved in conducting research.	Internal Medicine - MD	Grad	3	/
CLH 225	Stem Cell Biology & current Good Manufacturing Practice	Introduction to human stem cell biology; development of cellular therapeutics based on human stem cells for the treatment of currently incurable diseases; introduction to current Good Manufacturing Practice (cGMP), and theoretical & practical exploration of cGMP to manufacture such cellular therapies.	Internal Medicine - MD	Grad	/	3
CMN 111	Gender Differences in Communication	Examination of communication differences between men and women as sources of male/female stereotypes, misunderstandings, dilemmas, and difficulties (real and imagined). Treatment of genders as cultures. Topics include male/female differences in discursive practices and patterns, language attitudes, and relationship dynamics.	Communication	Upper Div	/	5
CMN 142	Newsmaking	The making of news. How journalists construct news and how consumers and newsmakers use it. Effects of news, technology's challenges to journalism, and the relationship of news to other institutions.	Communication	Upper Div	/	16
CMN 146	Communication Campaigns	Strategic uses of media and interpersonal communication channels in health, environmental advocacy, and political campaigns. Emphasis on general principles relevant to most campaign types, including public information, social marketing, and media advocacy campaigns.	Communication	Upper Div	/	3, 13, 16
CMN 149	Race & Media	Examines how race and ethnicity as social categories are shaped by mass media. Focuses on the impact of race and ethnicity role portrayals in content and style of news, television and cinema.	Communication	Upper Div	10	/
CMN 161	Health Communication	Health communication theories and research. Health literacy, social support and coping, doctor-patient interaction, health communication campaigns, media influences on health, and applications of new technologies in health promotion.	Communication	Upper Div	3	/
CMN 165	Media & Health	Content and effects of health messages in the media. Topics include health news reporting; portrayals of disease, disability, death and health-related behaviors; promotion of drugs and other health products; and tobacco and alcohol advertising.	Communication	Upper Div	3	/
CMN 170V	Digital Technology & Social Change	Conceptual understanding of how digital technologies transform our lives, through social media, mobile connectivity, globalization, big data, and artificial intelligence. Context includes education, health, entrepreneurship, democracy, among others.	Communication	Upper div	/	16

CMN 174	Social Media	Application of communication theories to the study and design of social media. Examination of social media in contexts such as political activism and collaboration. Topics include online credibility, participatory culture, viral media and privacy.	Communication	Upper Div	/	16
CMN 178	Persuasive Technologies	Designing and testing ethical, technology-based communication interventions in the domains of health, marketing, education, and environment. Social media, mobile apps, wearable devices, recommendation systems, serious games, and augmented reality.	Communication	Upper Div	/	3, 4
CMN 232	Health Communication	Health communication theories and research traditions. Topics include consumer health information seeking; physician-patient interaction; information, social marketing, "edutainment," and media advocacy campaigns; social networks and coping; media influences on health; and new communication technologies in health promotion and healthcare delivery.	Communication	Grad	3	/
CMN 233	Persuasive Technologies for Health	Theorizing, designing and evaluating ethical technology-based health communication interventions. Uses of social media, mobile communication apps, wearable devices, computer-generated tailored messages, educational games, and computational approaches in health promotion and healthcare delivery.	Communication	Grad	/	3
CMN 250	Mediated Communication Theory & Research	Survey of major theories on the intended and unintended effects of mediated communication. Topics include media's effects on learning, political behavior, interpersonal violence, sexual socialization, consumer behavior, race relations, gender socialization, and cultural processes.	Communication	Grad	/	5, 10, 16
COM 135	Women Writers	Exploration of women's differing views of self and society as revealed in major works by female authors of various times and cultures. Readings, principally of fiction, will include such writers as Lady Murasaki, Mme de Lafayette, and Charlotte Bronte.	Comparative Literature	Upper Div	5	/
COM 151	Colonial & Postcolonial Experience in Literature	Literary introduction to the cultural issues of colonialism and postcolonialism through reading, discussing and writing on narratives which articulate diverse points of view.	Comparative Literature	Upper Div	/	10
COM 159	Women in Literature	Portrayals of women in literature, comparing selected heroines who represent a particular theme, period, or genre. Texts range around the globe and from ancient to modern works, such as Lysistrata, Emma, Hedda Gabler, The Makioka Sisters, and Top Girls.	Comparative Literature	Upper Div	5	/
CRD 002	Ethnicity & American Communities	Historical and cultural survey of the role of various ethnic groups in the development of American communities. Examines ethnicity as a cultural factor, ethnicity as power and issues related to selected American ethnic groups.	Human Ecology	Lower Div	/	10
CRD 020	Food Systems	Social aspects of agri-food systems. Social science perspectives applied to food and agricultural sustainability in relation to ecology, knowledge, technology, power, governance, labor, social difference, and social movements. Social and environmental effects of commodity chains in comparative global context.	Human Ecology	Lower Div	2	/
CRD 118	Technology & Society	Impact of technology on labor relations, employment, industrial development and international relations. Internal relations of technology development and deployment.	Human Ecology	Upper Div	/	8, 9, 17
CRD 140	Dynamics of Regional Development	Industrial cluster formation and institutions. Technology, labor relations and interfirm linkages in global value chains. California and other regions are used as case studies.	Human Ecology	Upper Div	9	/
CRD 141	Organization of Economic Space	Globalization and technological restructuring of economic activity focusing on new spatial patterns of production and circulation and their implications for workers, communities and societies, both in the U.S. and around the globe.	Human Ecology	Upper Div	/	8, 9
CRD 142	Rural Change in the Industrialized World	Geography of rural environment with emphasis on rural restructuring. Demographics, community, economy, governance, agriculture, and environmental conservation in rural areas of industrialized world. Case studies from and comparisons drawn between North America, Europe, Australia, New Zealand, and Japan.	Human Ecology	Upper Div	/	2, 8, 15
CRD 147	Community Youth Development	Community influences on youth well-being, youth as agents of community change, and policies to support healthy communities for young people. Special emphasis on disparities in youth well-being related to race, class, immigration status, gender, sexual-orientation.	Human Ecology	Upper Div	/	5, 10

CRD 149	Community Development Perspectives on Environmental Justice	Environmental justice social movements; inequitable distribution of pollution on low-income communities of color; histories, policies, and innovations associated environmental justice movements in the United States and around the world.	Human Ecology	Upper Div	16	10, 11
CRD 152	Community Development	Introduction to principles and strategies of community organizing and development. Examination of non-profit organizations, citizen participation, poverty reduction, community needs assessment, and regional development strategies. Comparison of community development approaches of the U.S.A./California with other western and non-western societies.	Human Ecology	Upper Div	/	1,
CRD 152	Community Development	Principles and strategies of community organizing and development. Social change from the grassroots organizing perspective to the formalized public participation process involved in general plan revisions. Practical experience in conducting charrettes, visioning and community needs assessments.	Human Ecology	Upper Div	/	1,
CRD 157	Politics & Community Development	Analyzes political, economic and sociocultural forces shaping the form and function of local communities in the U.S. Considers theories of the state, the community and social change and case studies of actual community development in comparative historical perspective.	Human Ecology	Upper Div	/	17
CRD 158	Small Community Governance	Governing institutions and political processes in rural and small urban places. Local government organization, community autonomy, leadership, political change, policy development, and select policy issues including public finance. Field research on political processes or policy issues in select communities.	Human Ecology	Upper Div	16	/
CRD 158	Community Governance	Governing institutions and political processes at the local level. Local government organization, community autonomy, leadership, political change, policy development, and select policy issues including public finance. Topics change depending on student interest. Field research on coalition building or policy issues in select communities.	Human Ecology	Upper Div	16	/
CRD 162	People, Work & Technology	Analysis of the relationship between work, technology, and the human experience. Theories of the causes and consequences of labor process, changes under capitalism and globalization, impacts of race/ethnicity, class, gender, and citizenship status on work in the United States and globally; responses of workers, communities, and policy-makers to workplace changes.	Human Ecology	Upper Div	/	5, 10
CRD 164	Theories of Organizations & Their Role in Community Change	Planned change within and through community organizations. Private voluntary organizations, local community associations, and local government. Relationship between community organizations and social capital. Collaborative original data gathering and professional report writing.	Human Ecology	Upper Div	/	16
CRD 171	Housing & Social Policy	Social impact, economics, and politics of housing in the United States. Special attention given to federal, state, and local policy and program strategies to produce and preserve affordable housing and inclusive neighborhoods.	Human Ecology	Upper Div	11	/
CRD 172	Social Inequality: Issues & Innovations	Focus on the dimensions, causes, and means of alleviating social inequality in the U.S. Examination and analysis of major theories and forms (class, race/ethnicity, gender, and citizenship status) of inequality. Policy-based and grassroots approaches to change.	Human Ecology	Upper Div	10	5
CRD 176	Comparative Ethnicity	Role of ethnicity in shaping social systems and interaction. Analytical approaches to and issues arising from the study of ethnicity, through utilization of data from a range of different societies.	Human Ecology	Upper Div	10	/
CRD 180	Transnational Community Development	The effects of grassroots, non-state, non-corporate actors from abroad on local, national and international development. Socioeconomic, political, and cultural implications of transnational actions undertaken by international non-governmental organizations, individual migrants, and migrant grassroots civic organizations.	Human Ecology	Upper Div	17	/
CRD 200	Planning for Health	Focused on the intersection of city planning and public health. The health of an individual or community is determined not only by the health care they receive, but also by the natural, social, physical, economic, and political environment. Covers topics such as food access, air quality, water quality, waste and energy infrastructure, community engagement, and the planning process. Provides an overview of available public spatially explicit data.	Human Ecology	Grad	11	2, 3, 6, 7, 12

CRD 240	Community Development Theory	Introduction to theories of community development and different concepts of community, poverty, and development. Emphasis on building theory, linking applied development techniques to theory, evaluating development policy, and examining case studies of community development organizations and projects.	Human Ecology	Grad	4	1,
CRD 241	The Economics of Community Development	Economic theories and methods of planning for communities. Human resources, community services and infrastructure, industrialization and technological change, and regional growth. The community's role in the greater economy.	Human Ecology	Grad	11	9
CRD 243	Critical Environmental Justice Studies	Application of social science theories of race, ethnicity, class, gender, and power to understand the production and contestation of environmental inequities.	Human Ecology	Grad	16	5, 10
CRD 244	Political Ecology of Community Development	Community development from the perspective of geographical political ecology. Social and environmental outcomes of the dynamic relationship between communities and land-based resources, and between social groups. Cases of community conservation and development in developing and industrialized countries.	Human Ecology	Grad	15	16
CRD 246	The Political Economy of Transnational Migration	Theoretical perspectives and empirical research on social, cultural, political, and economic processes of transnational migration to the U.S. Discussion of conventional theories will precede contemporary comparative perspectives on class, race, ethnicity, citizenship, and the ethnic economy.	Human Ecology	Grad	10	/
CRD 247	Transformation of Work	Exploration of the ways that the experience, organization, and systems of work are being reconfigured in the late-20th century. The impacts of economic restructuring on local communities and workers.	Human Ecology	Grad	/	8
CRD 249	Media Innovation & Community Development	Role of innovative media in communities and social change. Studies historical, practical and theoretical issues involving media in community organizing, social justice movements, democracy initiatives, and economic justice.	Human Ecology	Grad	16	8
CRD 251	Critical Social Science of the Environment	Relationships between forces of society and the environment through careful examination of the interactions between politics, economics, and global dynamics. Schools of thought concerning society, gender, environmental dynamics, and political economic arrangements across local and global spheres.	Human Ecology	Grad	16	3, 5, 11, 13
CRI 200A	Approaches to Critical Theory	Critical overview of modern theoretical texts (e.g., semiotics, hermeneutics, deconstruction, social and cultural critique, feminist theory, psychoanalysis).	Comparative Literature	Grad	/	5
CST 204	History & Theory of Sexualities	Studies of sexuality in feminist, literary, historical, and cultural studies research, specifically examining the emergence of "sexuality" as a field of research and the relationship of sexuality studies to cultural forms, subjectivity, and social relations generally.	Spanish & Portuguese	Grad	5	10
CST 206	Studies in Race Theory	Theoretical framework for the critical study of race, drawing on contemporary cultural studies and postcolonial scholarship in order to understand the social production of "race" as a category for organizing social groups and determining group processes.	Spanish & Portuguese	Grad	10	/
CTS 146B	Modern South Asia Cinema	South Asian cinema of last 100 years in the context of cultural, social, and political changes. South Asian history, Independence, Partition, urban life, class, migration, postcolonial identity, diaspora, gender, sexuality, religion, sport, performance, etc.	Cinema and Digital Media	Upper div	/	5, 10
DES 001	Introduction to Design	Introduction to design discipline through readings, writing, visual problem solving, and critical analysis. Topics: design principles and elements, vocabulary, color theory, Gestalt principles, conceptualization strategies. Role of designer and products in contemporary culture including social responsibility and sustainability.	Design	Lower Div	/	12
DES 127A	Sustainable Design	Principles, practice and materials of contemporary sustainable design in the context of environmental crisis. History of sustainable design in relation to the fields of product design, material science, energy, architecture, and transportation.	Design	Upper div	12	7, 9, 13, 15
DES 127B	Studio Practice in Sustainable Design	Analysis and practice of sustainable design within studio context. Design project that incorporate the reuse of post consumer waste; standard materials vs. sustainable materials; Cradle to Cradle philosophy and practice. Field trips required.	Design	Upper div	12	/

DES 128B	Biodesign Experimentation & Prototyping: Biodesign Challenge Part II	Team-based, experimentally grounded prototype design in a mini-entrepreneurial start-up context.	Design	Upper div	/	4, 8
DES 138	Materials & Methods in Interior Design	Introduction to the finish materials used for interior design with special emphasis on sustainable and recycled products. Performance factors, relative costs and energy impacts, installation conditions and construction details, and design potential for a full range of interior materials.	Design	Upper Div	/	7, 12
DES 141	Cultural Studies of Fashion	Cultural studies theories and methods used to explore an inclusive approach to design studies. Fashion in dress and other areas of design in society. Race, ethnicity, gender, sexuality, class, national identity, dis/ability, age/generation, and religion, and the intersectionalities among these subject positions in the transnational design, production, circulation, and consumption of fashion.	Design	Upper Div	/	5, 10, 12
DES 165	Studio Practices in Industrial Design	3D studio methods for design, including: historic and contemporary developments in industrial design; innovation in material and fabrication technology; design based projects for everyday objects including soft goods, electronics, transportation.	Design	Upper Div	/	9, 12
DES 165	Studio Practices in Industrial Design	3D studio methods for design, including: historic and contemporary developments in industrial design; innovation in material and fabrication technology; design based projects for everyday objects including soft goods, electronics, transportation.	Design	Upper Div	/	9, 12
DES 170	Experimental Fashion & Textile Design	Experimental approaches to fashion and textile design. Emphasis on developing conceptual ideas and translating them into one-of-a-kind garments and soft products. Exploration of a variety of current topics including sustainability, pattern design, new technologies, and social activism.	Design	Upper Div	/	12
DES 221	Theory & Issues in Design	Perspectives on theoretical and aesthetic issues related to the design professions such as methodology in historical and contemporary contexts, implications of technology on design theory and practice, and design relationships to environmental sustainability, recycling, and other social issues.	Design	Grad	/	12
DRA 155	Representing Race in Performance	Representation and performance of "race" in American culture featuring different sub-headings such as "African American Theatre" or "Asian-Americans on Stage."	Theatre and Dance	Upper Div	10	/
DRA 254	Performing Identities/Personae	Historical and contemporary theories of constructing stage identities. Discussion and project collaborations based on theories. Questions of identity related to ethnicity, gender or sexual orientation.	Theatre and Dance	Grad	/	5, 10
EAP 090X	International Education Seminar	Seminar examines the academic, cultural, and personal issues of study abroad, including academic programs abroad, country-specific history and culture, cross-cultural experiences, culture shock, racial and gender issues.	Undergraduate Studies	Lower div	/	5, 10
EAP 190X	International Education Seminar	Seminar examines the academic, cultural, and personal issues of study abroad, including academic programs abroad, country-specific history and culture, cross-cultural experiences, culture shock, racial and gender issues.	Undergraduate Studies	Upper div	/	5, 10
EBS 135	Bioenvironmental Engineering	Biological responses to environmental conditions. Principles and engineering design of environmental control systems. Overview of environmental pollution problems and legal restrictions for biological systems, introduction of environmental quality assessment techniques, and environmental pollution control technologies.	Engr-Biological & Agric	Upper Div	15	/
EBS 144	Groundwater Hydrology	Fundamentals of groundwater flow and contaminant hydrology. Occurrence, distribution, and movement of groundwater. Well-flow systems. Aquifer tests. Well construction operation and maintenance. Groundwater exploration and quality assessment. Agricultural threats to groundwater quality: fertilizers, pesticides, salts.	Engr-Biological & Agric	Upper Div	/	6
EBS 144	Groundwater Hydrology	Global role of groundwater resources in society; groundwater in the hydrologic cycle; geology of groundwater; global, US, and California geography of groundwater; physical measures of groundwater occurrence and flow; water balance; modeling groundwater flow; principles of well construction; aquifer tests; groundwater quality; contaminant transport and monitoring; groundwater law, water quality regulations, and sustainable management.	Engr-Biological & Agric	Upper Div	/	6

EBS 148	Evapotranspiration Principles, Measurement & Modeling	Estimation of evapotranspiration (ET) for irrigation management and water resources planning; including the basic principles and key factors controlling evaporation and ET rates, methods of measuring these factors in the field and remotely, and determination of likely water requirements for crops and various landscape conditions as needed for water resources planning.	Engr-Biological & Agric	Upper Div	/	6
EBS 216	Energy Systems	Theory and application of energy systems. Systems analysis, energy conversion technologies, environmental considerations, economics and system optimization.	Engr-Biological & Agric	Grad	/	7
EBS 216	Energy Systems	Theory and application of energy systems. Systems analysis, energy conversion technologies, environmental considerations, economics and system optimization.	Engr-Biological & Agric	Grad	/	7
EBS 241	Sprinkle & Trickle Irrigation Systems	Computerized design of sprinkle and trickle irrigation systems. Consideration of emitter mechanics, distribution functions and water yield functions.	Engr-Biological & Agric	Grad	/	6
EBS 241	Precision Irrigation Systems & Management	Advanced irrigation science and engineering for agricultural, horticultural, engineering, and hydrology graduate students. Precision irrigation techniques for application of water to meet specific requirements of individual plants or management units and maximum economic benefits of crop production.	Engr-Biological & Agric	Grad	/	6
EBS 243	Water Resource Planning & Management	Applications of deterministic and stochastic mathematical programming techniques to water resource planning, analysis, design, and management. Water allocation, capacity expansion, and reservoir operation. Conjunctive use of surface water and groundwater. Water quality management. Irrigation planning and operation models.	Engr-Biological & Agric	Grad	6	/
EBS 245	Waste Management for Biological Production Systems	Characterization of solid and liquid wastes from animal, crop, and food production systems. Study of methods and system design for handling, treatment, and disposal/utilization of these materials.	Engr-Biological & Agric	Grad	12	/
ECH 158A	Process Economics & Green Design	Senior design experience in process and product creation and design with multiple realistic constraints. Cost accounting and capital investment estimation. Profitability analysis techniques. Green chemistry, health risk assessment and life cycle assessment concepts.	Engineering: Chemical	Upper div	/	12
ECI 003	Civil Infrastructure & Society	Introduction to civil infrastructure and its relationship with society and the natural environment. Exposure to innovative research on civil engineering and environmental systems. Participation in laboratory experiments illustrative of the solution of representative but simplified engineering problems.	Engineering-Civil & Envirnmntl	Lower Div	9	3, 6, 12, 13, 14, 15
ECI 003	Civil & Environmental Infrastructure & Society	Introduction to civil infrastructure and its relationship with society and the natural environment. Exposure to innovative research on civil engineering and environmental systems. Participation in laboratory experiments illustrative of the solution of representative but simplified engineering problems.	Engineering-Civil & Envirnmntl	Lower Div	9	3, 6, 12, 13, 14, 15
ECI 040	Introduction to Environmental Engineering	Introduction to topics in environmental engineering; discussion on influence of literary work, art, and media on the evolution of environmental engineering practice, relevant laws, and regulations; presentations of historical case studies.	Engineering-Civil & Envirnmntl	Lower Div	9	6, 12, 14, 15, 16
ECI 123	Urban Systems & Sustainability	Systems-level approach of how to evaluate and then modify sustainability of urban systems based on interaction with natural environments. Topics include: definition/metrics of urban sustainability; system analyses of urban systems; enabling technology, policies, legislation; measures and modification of ecological footprints.	Engineering-Civil & Envirnmntl	Upper Div	11	/
ECI 134	Structural Loads: Calculation & Modeling	Structural analysis process and model idealization; design codes, standards, and guidelines (e.g., IBC & ASCE 7); load paths for vertical and horizontal loads; load cases and load combinations; modeling of loads using finite element software; dead and live loads; snow loads; wind loads; climate change effects on snow and wind loads.	Engineering-Civil & Envirnmntl	Upper Div	/	13
ECI 140A	Environmental Analysis of Aqueous Systems	Introduction to "wet chemical" and instrumental techniques commonly used in the examination of water and wastewater and associated data analysis.	Engineering-Civil & Envirnmntl	Upper div	6	/
ECI 140A	Environmental Analysis of Aqueous Systems	Introduction to "wet chemical" and instrumental techniques commonly used in the examination of water and wastewater and associated data analysis.	Engineering-Civil & Envirnmntl	Upper div	6	/

ECI 140C	Biological Principles for Environmental Engineering	Fundamental microbiology concepts for environmental engineers; provides background needed for the application of water and wastewater treatment, bioremediation, air pollution control and biotransformations in environmental engineered systems.	Engineering-Civil & Envirnmntl	Upper div	6	3
ECI 140C	Biological Principles for Environmental Engineering	Fundamental microbiology concepts for environmental engineers; provides background needed for the application of water and wastewater treatment, bioremediation, air pollution control and biotransformations in environmental engineered systems.	Engineering-Civil & Envirnmntl	Upper div	6	3
ECI 140D	Water & Wastewater Treatment System Design	Evaluation and design of water and wastewater treatment systems.	Engineering-Civil & Envirnmntl	Upper div	6	/
ECI 140D	Water & Wastewater Treatment System Design	Evaluation and design of water and wastewater treatment systems.	Engineering-Civil & Envirnmntl	Upper div	6	/
ECI 144	Groundwater Systems Design	Groundwater occurrence, distribution, and movement; groundwater flow systems; radial flow to wells and aquifer testing; aquifer management; groundwater contamination; solute transport by groundwater; fate and transport of subsurface contaminants. Groundwater supply and transport modeling.	Engineering-Civil & Envirnmntl	Upper Div	/	6
ECI 145	Hydraulic Structure Design	Project-based course on the design of an integrated urban drainage system with focus on consideration of design alternatives, multiple realistic constraints, quantification of uncertainty, codes and standards, technical drawing and cost analysis.	Engineering-Civil & Envirnmntl	Upper Div	/	13
ECI 146	Water Resources Simulation	Computer simulation techniques in the analysis, design and operation of surface water systems; modeling concepts and practices with application to surface runoff; water quality in rivers and streams and dispersion of contaminants in water bodies.	Engineering-Civil & Envirnmntl	Upper Div	6	/
ECI 146	Water Resources Simulation	Computer simulation techniques in the analysis, design and operation of surface water systems; modeling concepts and practices with application to surface runoff; water quality in rivers and streams and dispersion of contaminants in water bodies.	Engineering-Civil & Envirnmntl	Upper Div	6	/
ECI 155	Water Resources Engineering Planning	Basic engineering planning concepts; role of engineering, economic, environmental and social information and analysis; institutional, political and legal aspects. Case studies and computer models illustrate the planning of water resource systems.	Engineering-Civil & Envirnmntl	Upper Div	6	/
ECI 161	Transportation System Operations	Principles of transportation system operations; traffic characteristics and methods of measurement; models of transportation operations and congestion applied to urban streets and freeways.	Engineering-Civil & Envirnmntl	Upper Div	11	/
ECI 163	Energy & Environmental Aspects of Transportation	Engineering, economic, and systems planning concepts. Analysis and evaluation of energy, air quality and selected environmental attributes of transportation technologies. Strategies for reducing pollution and petroleum consumption in light of institutional and political constraints. Evaluation of vehicle emission models.	Engineering-Civil & Envirnmntl	Upper Div	11	3, 13
ECI 163	Energy & Environmental Aspects of Transportation	Engineering, economic, and systems planning concepts. Analysis and evaluation of energy, air quality and selected environmental attributes of transportation technologies. Strategies for reducing pollution and petroleum consumption in light of institutional and political constraints. Evaluation of vehicle emission models.	Engineering-Civil & Envirnmntl	Upper Div	11	3, 13
ECI 165	Transportation Policy	Transportation and associated environmental problems confronting urban areas, and prospective technological and institutional solutions. Draws upon concepts and methods from economics, engineering, political science and environmental studies.	Engineering-Civil & Envirnmntl	Upper Div	11	13, 16
ECI 165	Transportation Policy	Transportation and associated environmental problems confronting urban areas, and prospective technological and institutional solutions. Draws upon concepts and methods from economics, engineering, political science and environmental studies.	Engineering-Civil & Envirnmntl	Upper Div	11	/
ECI 189A	Selected Topics in Civil Engineering: Environmental Engineering	Directed group study in Environmental Engineering.	Engineering-Civil & Envirnmntl	Upper div	/	9
ECI 193A	Civil and Environmental Engineering Senior Design	Culminating design experience for civil engineering and environmental engineering majors. Student teams work closely with faculty, city officials or consulting clients to propose, implement and validate a unique solution to a real-world problem.	Engineering-Civil & Envirnmntl	Upper div	/	9
ECI 193A	Civil & Environmental Engineering Senior Design	Culminating design experience for civil engineering and environmental engineering majors. Student teams work closely with faculty, city officials or consulting clients to propose, implement and validate a unique solution to a real-world problem.	Engineering-Civil & Envirnmntl	Upper div	/	9

ECI 193B	Civil & Environmental Engineering Senior Design	Culminating design experience for civil engineering and environmental engineering majors. Student teams work closely with faculty, city officials or consulting clients to propose, implement and validate a unique solution to a real-world problem.	Engineering-Civil & Envirnmntl	Upper div	/	9
ECI 193B	Civil & Environmental Engineering Senior Design	Culminating design experience for civil engineering and environmental engineering majors. Student teams work closely with faculty, city officials or consulting clients to propose, implement and validate a unique solution to a real-world problem.	Engineering-Civil & Envirnmntl	Upper div	/	9
ECI 239	Design of Materials & Systems for Sustainability	Effects on environmental impacts from materials selection and design in the built environment. Material mechanics, design constraints, and life cycle assessment in the development of "greener" materials and systems. Design of engineered materials through selecting constituents & processing techniques and the influence on mechanical properties, microstructure, and environmental impacts. Role of materials in the environmental impacts of buildings, infrastructure, and other systems.	Engineering-Civil & Envirnmntl	Grad	12	/
ECI 240	Water Quality	Quality requirements for beneficial uses of water. Hydrologic cycle of quality. Hydromechanics in relation to quality of surface and groundwaters; transport and fate of waterborne pollutants. Heat budget for surface waters; predictive methods; introduction to water quality modeling.	Engineering-Civil & Envirnmntl	Grad	6	/
ECI 242	Air Quality	Factors determining air quality. Effects of air pollutants. Physical and chemical fundamentals of atmospheric transport and reaction. Introduction to dispersion modeling.	Engineering-Civil & Envirnmntl	Grad	3	/
ECI 243A	Water & Waste Treatment	Characteristics of water and airborne wastes; treatment processes and process kinetics; treatment system design.	Engineering-Civil & Envirnmntl	Grad	12	6
ECI 244A	Life Cycle Assessment for Sustainable Engineering	Life cycle assessment methodology. Emphasis on applications to infrastructure and energy systems. Life cycle design, life cycle cost methods, other tools from industrial ecology, and links to policy.	Engineering-Civil & Envirnmntl	Grad	12	7, 9
ECI 244B	Advanced Methods in Industrial Ecology	Implementation, interpretation, and methodological issues and advances in life cycle assessment and other complementary methods from the field of Industrial Ecology with a focus on use in research.	Engineering-Civil & Envirnmntl	Grad	12	/
ECI 245A	Applied Environmental Chemistry: Inorganic	Chemistry of natural and polluted waters. Topics include chemical, kinetic and equilibrium principles, redox reactions, gas solution and solid-solution equilibria, thermodynamics, carbonate systems, coordination chemistry, interfacial phenomena.	Engineering-Civil & Envirnmntl	Grad	6	/
ECI 251	Transportation Demand Analysis	Procedures used in urban travel demand forecasting. Principles and assumptions of model components (trip generation, trip distribution, model split). New methods of estimating travel demand. Computer exercises using empirical data to calibrate models and forecast travel demand.	Engineering-Civil & Envirnmntl	Grad	11	/
ECI 256	Urban Traffic Management & Control	Basic concepts, models, and methods related to the branch of traffic science that deals with the movement of vehicles on a road network, including travel speed, travel time, congestion concepts, car-following and hydrodynamic traffic models.	Engineering-Civil & Envirnmntl	Grad	11	/
ECI 259	Asphalt & Asphalt Mixes	Asphalts and asphalt mix types and their use in civil engineering structures, with primary emphasis on pavements. Asphalt, aggregate properties and effects on mix properties. Design, construction, recycling. Recent developments and research.	Engineering-Civil & Envirnmntl	Grad	/	12
ECI 264A	Transport, Mixing & Water Quality in River & Lakes	Principal causes of mixing and transport in rivers, lakes and reservoirs, and their impacts on water quality. Case studies of specific lakes and rivers.	Engineering-Civil & Envirnmntl	Grad	6	/
ECI 264B	Transport, Mixing & Water Quality in Estuaries & Wetlands	Principal causes of mixing and transport in estuaries and wetlands, and their impacts on water quality. Topics include advection/diffusion; tides; transverse mixing; longitudinal dispersion; sediment transport; nutrient cycling; computer modeling of estuaries. Case studies of specific systems.	Engineering-Civil & Envirnmntl	Grad	6	15
ECI 267	Water Resource Management	Engineering, institutional, economic, and social basis for managing local and regional water resources. Examples in the context of California's water development and management. Uses of computer modeling to improve water management.	Engineering-Civil & Envirnmntl	Grad	6	/
ECI 273	Water Resources Systems Engineering	Planning and management of water resource systems. Deterministic and stochastic simulation and optimization techniques. Capacity design and operation of reservoir systems for water supply, hydropower, flood control, and environmental objectives.	Engineering-Civil & Envirnmntl	Grad	6	7, 13

ECI 277B	Computational River Mechanics II	Open channel flows, physical aspects of river mechanics, formulation of depth-averaged equations, boundary conditions, coordinates transformation and grid generation, finite-difference solution techniques, applications to two-dimensional momentum and pollutant transport in rivers.	Engineering-Civil & Environmntl	Grad	/	6
ECI 289A	Selected Topics in Civil Engineering: Environmental Engineering	Directed group study in Environmental Engineering.	Engineering-Civil & Environmntl	Grad	/	9
ECI 289H	Selected Topics in Civil Engineering: Transportation Planning	Directed group study in Transportation Planning.	Engineering-Civil & Environmntl	Grad	/	11
ECI 289I	Selected Topics in Civil Engineering: Water Resources Engineering	Directed group study in Water Resources Engineering.	Engineering-Civil & Environmntl	Grad	6	/
ECL 208	Issues in Conservation Biology	Graduate-level introduction to current research in conservation biology. Emphasizes reading and discussing primary literature. Specific topics will reflect the research interests of UC Davis conservation biology faculty.	Environmental Sci and Policy	Grad	15	/
ECL 212A	Environmental Policy Process	Introduction to selected topics of the policy process and applications to the field of environmental policy. Develops critical reading skills, understanding of policy theory, and an ability to apply multiple theories to the same phenomena.	Environmental Sci and Policy	Grad	4	/
ECL 212A	Environmental Policy Process	Introduction to selected topics of the policy process and applications to the field of environmental policy. Develops critical reading skills, understanding of policy theory, and an ability to apply multiple theories to the same phenomena.	Environmental Sci and Policy	Grad	4	/
ECL 212A	Environmental Policy Process	Introduction to selected theories of the policy process and applications to the field of environmental policy. Develops critical reading skills, understanding of policy theory, and an ability to apply multiple theories to the same phenomena.	Environmental Sci and Policy	Grad	15	/
ECL 216	Ecology & Agriculture	Ecological principles as relevant to agriculture. Integration of ecological approaches into agricultural research to increase ecosystem functions and services. Topics include crop autoecology, biotic interactions among crops and pests, ecosystem and landscape ecology.	Environmental Sci and Policy	Grad	2	/
ECL 245	Climate Change, Water & Society	Integration of climate science and hydrology with policy to understand hydroclimatology and its impact upon natural and human systems. Assignments: readings, take-home examination on climate and hydrologic science, paper that integrates course concepts into a research prospectus or review article.	Environmental Sci and Policy	Grad	13	6
ECN 001B	Principles of Macroeconomics	ECN 001A & ECN 001B may be taken in either order. Analysis of the economy as a whole; determinants of the level of income, employment and prices; money and banking, economic fluctuations, international trade, economic development; the role of public policy.	Economics	Lower div	8	/
ECN 001BV	Principles of Macroeconomics	Analysis of the economy as a whole; determinants of the level of income, employment and prices; money and banking, economic fluctuations, international trade, economic development; the role of public policy.	Economics	Lower div	8	/
ECN 101	Intermediate Macro Theory	Theory of income, employment and prices under static and dynamic conditions, and long term growth.	Economics	Upper Div	8	/
ECN 115BY	Economic Development	Major macroeconomic issues of developing countries. Issues include problems in generating capital, conduct of monetary and fiscal policies, foreign aid and investment. Important issues of policy concerning international borrowing and external debt of developing countries.	Economics	Upper div	8	17
ECN 117	Economics of International Immigration	Introduction to research on the economics of immigration. Immigrant demographics and reasons for migrating. Immigrant success and effects on native populations. Influence of immigrants on those left behind. Discussion of migration policy in the US and other countries.	Economics	Upper Div	/	8, 10
ECN 121B	Industrial Organization	Study of antitrust and economic regulation. Emphasis on applying theoretical models to U.S. industries and case studies, including telecommunications, software, and electricity markets. Topics include natural monopoly, optimal and actual regulatory mechanisms, deregulation, mergers, predatory pricing, and monopolization.	Economics	Upper div	8	/

ECN 121B	Industrial Organization	Study of antitrust and economic regulation. Emphasis on applying theoretical models to U.S. industries and case studies, including telecommunications, software, and electricity markets. Topics include natural monopoly, optimal and actual regulatory mechanisms, deregulation, mergers, predatory pricing, and monopolization.	Economics	Upper div	8	/
ECN 125	Energy Economics	Application of theoretical and empirical models to examine efficiency in energy production and use. Energy and environmental policy, market structure and power, global climate change, optimal regulation, and real-world applications; e.g., California electricity crisis.	Economics	Upper Div	7	13
ECN 125	Energy Economics	Application of theoretical and empirical models to examine efficiency in energy production and use. Energy and environmental policy, market structure and power, global climate change, optimal regulation, and real-world applications; e.g., California electricity crisis.	Economics	Upper Div	7	13
ECN 130	Public Microeconomics	Public expenditures; theory and applications. Efficiency and equity of competitive markets; externalities, public goods, and market failures; positive and normative aspects of public policy for expenditure, including benefit-cost analysis. Topics include consumer protection, pollution, education, poverty and crime.	Economics	Upper Div	/	1, 3, 4, 16
ECN 131	Public Finance	Economic burden of taxation; equity and efficiency considerations in tax design; structure and economic effects of the U.S. tax system (including personal income tax, corporation income tax, and property tax); tax loopholes; recent developments; tax reform proposals.	Economics	Upper Div	/	1, 10
ECN 132	Health Economics	The health care market, emphasizing the role and use of economics. Individual demand, provision of services by doctors and hospitals, health insurance, managed care and competition, the role of government access to health care.	Economics	Upper Div	3	/
ECN 136	Topics in Macroeconomic Theory	Advanced Topics in macroeconomics theory. Develops the theoretical and empirical analysis of a specific field of macroeconomics. Possible topics include, business cycle theories, growth theory, monetary economics, political economics and theories of unemployment and inflation.	Economics	Upper Div	/	8
ECN 138	Public Economics in International Perspective	Social problems and government responses in developed and developing countries; health, unemployment, informal insurance, poverty, corruption, and public service delivery; emphasis on quantitative and data analysis skills; applications to real world policy problems.	Economics	Upper Div	8	1, 3, 16
ECN 145	Transportation Economics	Examination of fundamental problems of planning and financing transportation "infrastructure" (roads, ports, airports). The economics of the automobile industry, as well as the impact of government regulation and deregulation in the airlines and trucking industries. Intended for advanced Economics undergraduates.	Economics	Upper Div	/	11
ECN 145	Transportation Economics	Examination of fundamental problems of planning and financing transportation "infrastructure" (roads, ports, airports). Economics of the automobile industry, as well as the impact of government regulation and deregulation in the airlines and trucking industries. Intended for advanced Economics undergraduates.	Economics	Upper Div	/	11
ECN 151A	Economics of the Labor Market	Theory of labor supply and demand; determination of wages and employment in the labor market. Policy issues: labor force participation by married women; minimum wages and youth unemployment; effect of unions on wages.	Economics	Upper div	8	5
ECN 151B	Economics of Human Resources	Human resource analysis; introduction to human capital theory and economics of education; the basic theory of wage differentials, including theories of labor market discrimination; income distribution; poverty. Policy issues; negative income tax; manpower training programs; incomes policy.	Economics	Upper div	8	1,
ECN 152	Economics of Education	Application of theoretical and empirical tools of economics to the education sector. Demand for Education; Education Production and Market Structures in Education. Policy applications: class size reduction, school finance equalization, accountability, and school choice.	Economics	Upper Div	4	/

ECN 160A	International Microeconomics	International trade theory: impact of trade on the domestic and world economies; public policy toward external trade.	Economics	Upper div	17	/
ECN 167	Economic Development in Weak States	Barriers to economic development in developing countries. Economic and policy tools to address barriers within a functioning, well-intentioned government and non-functioning or ill-intentioned governments. Conflict between the state and other subnational actors for legitimate political control. Field experiments and other methodology to understand the success of economic and policy tools in weak states	Economics	Upper Div	8	16
ECN 200D	Macroeconomic Theory	Macro static theory of income, employment, and prices.	Economics	Grad	8	/
ECN 200E	Macroeconomic Theory	Macrodynamic theory of income, employment, and prices.	Economics	Grad	8	/
ECN 216	Energy & Climate Policy	Fundamentals of energy technology, economics, and policy. Survey and analysis of current and prospective climate policies at the local and global level, including but not limited to cap-and-trade, emissions offsets, intensity standards, technology standards, mandates and subsidies.	Economics	Grad	7	13
ECN 230B	Public Economics	Effects of government policies on economic behavior; labor supply, program participation, investment, consumption and savings.	Economics	Grad	8	/
ECN 233	Poverty & Public Policy	Interdisciplinary course covering qualitative and quantitative U.S. based poverty research. Topics include measurement, statistics, theories and evidence on the causes and consequences of poverty, and the history and efficacy of major anti-poverty programs.	Economics	Grad	1	/
ECN 235A	Macroeconomics	Frontiers of applied/empirical macroeconomics. Evidence and lessons from macroeconomic history for The Great Depression, financial crises, efficient markets, parity conditions, capital flows, default, financial crises, exchange rates, growth, and other current empirical research topics.	Economics	Grad	/	8, 10
ECN 235B	Macroeconomics	Search theory, theory of real-world markets characterized by search frictions, with applications: Labor economics: models of unemployment and wages differentials; Financial economics: determination of asset prices in OTC financial markets; Monetary Economics: foundations for money as a medium of exchange.	Economics	Grad	/	8
ECN 250A	Labor Economics	Philosophy, theory and history of American and foreign labor movements; union structure, organization and collective bargaining under changing labor market conditions; current labor market issues.	Economics	Grad	8	/
ECN 250B	Labor Economics	Microeconomic theory of labor supply and labor demand, estimation of labor supply and demand functions; human capital theory; labor market analysis.	Economics	Grad	8	/
ECN 260A	International Economics	Theory of trade determinants; gains from trade; tariffs and effective protection; economic unions.	Economics	Grad	17	/
ECN 260CN	International Investment & Trade	Analysis of foreign investment and its links to trade; theories of the firm as they relate to firm's export and investment decisions; and an introduction to the political economy of trade policies.	Economics	Grad	17	/
ECS 188	Ethics in an Age of Technology	Foundations of ethics. Views of technology. Technology and human values. Costs and benefits of technology. Character of technological change. Social context of work in computer science and engineering.	Engineering: Computer Science	Upper Div	/	15, 16
EDU 065C	Foundations for University Success: Internships, Graduate School & Careers	Resources to explore academic and career connections and opportunities including internships, volunteer opportunities, graduate schools and careers.	Education	Lower div	4	/
EDU 081	Learning in Science & Mathematics	Exploration of how students learn and develop understanding in science and mathematics classrooms. Introduction to case studies and interview techniques and their use in K-6 classrooms to illuminate factors that affect student learning.	Education	Lower Div	4	/
EDU 100	Introduction to Schools	Study of occupational concerns of teachers; skills for observing classroom activities; school organization and finance; school reform movement; observing, aiding, and tutoring in schools.	Education	Upper Div	4	/
EDU 110	Educational Psychology: General	Learning processes, cognitive development, individual differences, testing and evaluation.	Education	Upper Div	4	/
EDU 115	Educating Children with Disabilities	Educational issues and processes involved in teaching children with disabilities. Focuses on the structure of special education, with an emphasis on meeting the educational needs of children who are mainstreamed in regular classes.	Education	Upper Div	4	/
EDU 119	Use & Misuse of Standardized Tests	Principles underlying educational and psychological testing. Purposes of testing for individual achievement and evaluation of school programs. Interpretation and misinterpretations of outcomes. Analysis of SAT, GRE and other common tests. Experience in test administration and outcome interpretation.	Education	Upper Div	4	/

EDU 120	Philosophical & Social Foundations of Education	Philosophical, historical, and sociological study of education and the school in our society.	Education	Upper Div	4	/
EDU 121	Introduction to Education Policy Analysis: Tools, Methods & Frameworks	Introduces students to the field of education policy analysis with a specific emphasis on the quantitative frameworks and analytical tools—drawn primarily from economics and statistics—that are used to guide and inform educational policymaking.	Education	Upper Div	4	/
EDU 122	Children, Learning & Material Culture	How material artifacts shape what and how children learn in school, at home, and in the community. Artifacts examined include books, computers, household appliances, toys and games, entertainment media, collectibles, sports equipment, clothing, folk arts and crafts, and neighborhood space.	Education	Upper Div	4	/
EDU 130	Issues in Higher Education	Analysis of current issues in higher education and of some practical implications of varying philosophical approaches to the role of the university.	Education	Upper Div	4	/
EDU 142	Introduction to Environmental Education	Study of history, philosophy, principles and approaches to environmental education (EE) and outreach; learning theories, teaching strategies and techniques in EE and outreach; evaluation of EE curricula in non-formal and in-school contexts; observing, aiding and facilitating local environmental education programs.	Education	Upper Div	4	/
EDU 147	Anglos, Latinos & the Spanish Black Legend: Origins & Educational Implications of Anti-Hispanic Prejudice	Examination of anti-Hispanic prejudice in the United States focusing on the "Black Legend," a 16th-century, anti-Spanish myth underpinning the doctrine of "Manifest Destiny." Exploration of the Legend's presence in contemporary American society through interviews and analysis of school textbooks.	Education	Upper Div	10	/
EDU 147	Anglos, Latinos, & Spanish Black Legend: Anti-Hispanic Prejudice Origins & Educational Implications	Examination of anti-Hispanic prejudice in the United States focusing on the "Black Legend," a 16th-century, anti-Spanish myth underpinning the doctrine of "Manifest Destiny." Exploration of the Legend's presence in contemporary American society through interviews and analysis of school textbooks.	Education	Upper Div	10	/
EDU 150	Cultural Diversity & Education in a Sociopolitical Context	Introduction to cultural diversity and education in a sociopolitical context. Interactive course. Small and large-group discussions explore, extend, and apply readings; range of writing genres for responses to assignments and course themes; lectures, slide shows, speakers, brief fieldwork, and presentations.	Education	Upper Div	4	10
EDU 151T	Language Development in the Chicano Child	Bilingualism, first and second language acquisition, bilingual education, language assessment, Chicano Spanish and the role of dialect varieties in the classroom.	Education	Upper div	4	/
EDU 151	Language Development in the Chicano Child	Bilingualism, first and second language acquisition, bilingual education, language assessment, Chicano Spanish and the role of dialect varieties in the classroom.	Education	Upper Div	4	/
EDU 152	Academic Spanish for Bilingual Teachers	Communicative class taught in Spanish focused on the development of Spanish communication skills for current and/or future bilingual teachers. Main topics are related to school content areas in bilingual settings, with an emphasis on standard and Southwest Spanish dialects.	Education	Upper Div	4	/
EDU 153	Diversity in the K-12 Classroom	Analysis of research on learning styles among culturally diverse students with review and evaluation of responsive curricula and classroom teaching techniques. The ethnographic interview as a research tool.	Education	Upper Div	4	/
EDU 180A	Computers in Education	Applications of computers in education as instructional, intellectual, and communication tools.	Education	Upper div	4	/
EDU 180B	Computers in Education	Applications of computers in education as instructional, intellectual, and communication tools.	Education	Upper div	4	/
EDU 180C	Computers in Education	Applications of computers in education as instructional, intellectual, and communication tools.	Education	Upper div	4	/
EDU 181	Teaching in Science & Mathematics	Exploration of effective teaching practices based on examination of how middle school students learn math and science. Selected readings, discussion and field experience in middle school classrooms.	Education	Upper Div	4	/
EDU 183	Teaching High School Mathematics & Science	Exploration and creation of effective teaching practices based on examination of how high school students learn mathematics and science. Field experience in high school classrooms.	Education	Upper Div	4	/
EDU 185	Learning in a Digital Age: Information, Schooling, & Society	Focus on the changing nature of learning in a digital age: social media, ubiquitous connectivity, online education, electronic communication, writing, gaming, and youth culture. Readings drawn from major recent works detailing fundamental shifts in information, schooling, and society.	Education	Upper Div	4	/

EDU 205A	Ethnographic Research in Schools I: Current Theory & Practice	Current literature from anthropology and society related to schools. Emphasis on the organizational structure of institutions, and the analysis of face-to-face interaction. Explore the relationship between field-based research and theory development on the acquisition of knowledge in specific social and cultural contexts.	Education	Grad	4	/
EDU 205B	Ethnographic Research in Schools II: Field-Based Research Projects	Student research projects in specific schools with cooperative critical analysis of the design, data collection, and inferencing by researchers. Students will continue to meet with instructor as a group throughout the quarter to discuss specific projects.	Education	Grad	4	/
EDU 205B	Ethnographic Research in Schools II: Field-Based Research Projects	Research projects in specific schools with cooperative critical analysis of the design, data collection, and inferencing by researchers. Continue to meet with instructors as a group throughout the quarter to discuss specific projects.	Education	Grad	4	/
EDU 206B	Inquiry into Classroom Practice: Application of Teacher Research Approaches	Analysis and application of teacher research through the development, implementation and evaluation of a short-term classroom research-based intervention. Particular attention to research that enhances learning of English language learners and under-performing students.	Education	Grad	4	/
EDU 206C	Inquiry into Classroom Practice: Study Design	Proposal development for classroom-based inquiry designed to address student learning needs. Mixed methods research design and preliminary data collection approaches. Design and application of baseline student assessment for proposal development. Literature review. Data collection in K-12 classrooms required.	Education	Grad	4	/
EDU 211	Sociocultural & Situative Perspectives on Learning & Cognition	Sociocultural and situative theories of cognition and learning. Major ideas of L.S. Vygotsky, followed by modern perspectives: situated cognition, cognitive apprenticeship, situated learning, communities of practice, cultural-historical activity theory, and distributed cognition. Implications of each theoretical perspective for educational practice.	Education	Grad	/	4
EDU 215	Research on Achievement Motivation in Education	Analysis and critique of recent research on cognitive processes related to achievement motivation in school settings. Topics include self-determination theory, attribution theory, goal theory, intrinsic and extrinsic motivation, learned helplessness, psychological reactance, gender and culture, and research design.	Education	Grad	4	5
EDU 220	Concepts & Methods of Policy Analysis	Introduction to concepts and methods of policy analysis. Emphasis on the relationship between educational issues and problems; policy development; constructing persuasive policy analyses; issues related to policy process.	Education	Grad	/	4
EDU 223	Education & Social Policy	Focuses on understanding the social and political context of education in the U.S. and California and how education policy is formed in the broader public arena. Develops skills in educational policy analysis. (Former EDU 237.)	Education	Grad	4	/
EDU 226	Culture & Social Organization of Higher Education	Critical study of culture and social organization of higher education institutions policies and functions in the U.S., with some attention to other countries.	Education	Grad	4	/
EDU 229	Education Finance Policy	Examination of (1) United States financing public education, (2) the relationship between school finance and education policy, and (3) the relationship between education finance and education practice.	Education	Grad	4	10
EDU 230	Special Topics in Education Policy	Selected topics in education policy. Designed to facilitate preparation for the qualifying examination or dissertation. Critically analyze scholarly work including their own works in progress.	Education	Grad	4	/
EDU 235	Critical Pedagogy	A socio-cultural critique, from an interdisciplinary perspective, of educational reform and change. The critique will include an analysis of the influence of text content on the perpetuation of social power differences.	Education	Grad	4	10
EDU 238	Participatory Action Research (PAR)	Principles and strategies of PAR and related methodologies that emphasize collaborating with those affected by the issue being researched in order to educate, take action or effect social change. Conduct interviews with potential collaborators, case analyses and research proposals.	Education	Grad	/	4, 10
EDU 244	Topical Seminar in Language, Literacy & Culture	Critical study of selected issues of language, literacy, and culture as they relate to education.	Education	Grad	4	/
EDU 244	Topical Seminar in Language, Literacy & Culture	Critical study of selected issues of language, literacy, and culture as they relate to education.	Education	Grad	4	/

EDU 245	Theory & Research in Early Literacy	Analysis of children's initial processes in learning to read extending from the preschool years into second grade. Topics include emergent literacy, phonological awareness, word recognition, decoding, spelling, vocabulary, comprehension, second language reading, assessment, intervention, and instruction.	Education	Grad	4	/
EDU 253	Language & Literacy in Linguistic Minorities	Analysis and application of research on oral language development and literacy in language minority students, through the development, implementation, and evaluation of research-based language arts curriculum.	Education	Grad	4	10
EDU 253	Inquiry into Classroom Practice: Bilingual Methods	Analysis and application of teacher research through the development, implementation and evaluation of a short-term research-based classroom intervention. Research that enhances learning of multilingual language learners.	Education	Grad	4	/
EDU 264	Scientific Literacy & Science Education Reform	Current trends in science education reform locally, regionally, and nationally focusing on scientific literacy. Equity, access and "science for all."	Education	Grad	4	/
EDU 275A	Effective Instruction: Curriculum & Assessment-Theory, Research, & Practice	Examination of contemporary theories of curriculum development, research about the relationship among instructional planning, classroom assessment, and student learning to guide teaching practice.	Education	Grad	4	/
EDU 281A	Problem-Based Learning Courses: Part 1	Students identify problems from their educational settings, engage in data collection/analysis, write-up the process/results, and present to class. Work may become a dissertation proposal, if the problem or its extension is of sufficient interest and value.	Education	Grad	4	/
EDU 282B	Beginning Issues & Practices: Diversity Issues for Educational Leaders	Diversity of stakeholders and community issues in California schools and colleges will be explored. Emphasis will be placed on the interaction between underrepresented segments of society and educational institutions. Best Practices in leading diverse schools will be explored.	Education	Grad	4	10
EDU 283A	Advanced Issues & Practices: Leadership Across Communities	Examine the theory/practice/process of leadership in community-building and collaboration in/across communities, while addressing the utilization of human and material resources and the creation of partnerships, community linkages, and collaborative efforts.	Education	Grad	17	8, 11
EDU 284B	Policy: Formulating & Influencing Policy	Conduct critical analyses of policy at the federal, judicial, state, regional and local levels. Specific California and federal policy environment structures, processes and people will be examined for intended consequences, ethical dilemmas, social justice and equity issues.	Education	Grad	16	10
EDU 285A	Educational Finance, Human Resources, & Law: Integrated Seminar: Human & Financial Assets: Allocations, & Budgets	Topics include: education finance theory, contemporary finance policy issues, intergovernmental relations, effective resource management, budget analysis and preparation.	Education	Grad	/	4
EDU 285A	Educational Finance, Human Resources, & Law; Human & Financial Assets; Allocations & Budgets	Topics include: education finance theory, contemporary finance policy issues, intergovernmental relations, effective resource management, budget analysis and preparation.	Education	Grad	/	4
EDU 285B	Educational Finance, Human Resources, & Law: Ethical & Legal Issues in Education	Human resource and legal concepts and activities governing decisions of school leaders in public education. Attention to theory, application, and practice of personnel and risk management, curriculum, student services, teacher rights, torts, student rights.	Education	Grad	4	10
EDU 286A	Organizational Structures & Change: Data-Driven Decision-Making for Change	Use and examine multiple sources of information and data and trends found in making quality decisions to improve P-12/community college settings and addressing problems at sites. Learn limitations of these data sources.	Education	Grad	4	/
EDU 286B	Organizational Structures & Change: Curriculum & Instruction Issues in Education	Addresses the historical development of various curriculum and instructional methodologies found in public and private schools and colleges, and their impact on current curriculum development and reform efforts at the national, state and local level.	Education	Grad	4	/
EDU 294	Special Topics in Science, Agriculture & Mathematics Education	Critical study of special topics of research relevant to science, agricultural and mathematics education. Students and faculty present work-in-progress on a major research project, and critically analyze and discuss one another's developing scholarly work.	Education	Grad	4	/
EDU 295	Special Topics in Learning & Mind Science	Critical study of selected issues in the learning sciences, neurodevelopmental disorders, and psychometrics and measurement, as they relate to education.	Education	Grad	4	/

EEC 196	Issues in Engineering Design	Covers various electrical and computer engineering standards and realistic design constraints including economic, manufacturability, sustainability, ethical, health & safety, environmental, social, and political.	Engineering-Electrical & Comp	Upper Div	/		3, 12, 15, 16
EEC 216	Low Power Digital Integrated Circuit Design	Integrated circuit design for low power and energy consumption. Low power architectures, logic styles and circuit design. Variable supply and threshold voltages. Leakage management. Power estimation. Energy sources, power electronics, and energy recovery. Applications in portable electronics and sensors. Thermodynamic limits.	Engineering-Electrical & Comp	Grad	/		7
EEC 216	Low Power Digital Integrated Circuit Design	Integrated circuit design for low power and energy consumption. Low power architectures, logic styles and circuit design. Variable supply and threshold voltages. Leakage management. Power estimation. Energy sources, power electronics, and energy recovery. Applications in portable electronics and sensors. Thermodynamic limits.	Engineering-Electrical & Comp	Grad	/		7
EEC 247	Advanced Semiconductor Devices	Semiconductor devices, including MOSFETs, heterojunction transistors, light-emitting diodes, lasers, sensors, detectors, power and high-voltage transistors, MEMS resonators, organic semiconductors and photovoltaics. All material is from recent literature, encouraging students to utilize search methods and critically assess the latest research.	Engineering-Electrical & Comp	Grad	/		7
EEC 248	Photovoltaics & Solar Cells	Physics and application of photovoltaics and solar cells, including design, fabrication technology, and grid incorporation. Mono and microcrystalline silicon devices; thin-film technologies, heterojunction and organic-semiconductor technologies. Collectors, electrical inverters and infrastructure issues. Challenges and concerns.	Engineering-Electrical & Comp	Grad	/		7
EGG 200	Introduction to Energy Systems	Technical, societal and environmental components of energy systems at global, national and regional scales from an interdisciplinary perspective. Energy resources; end-uses and demand; electricity systems; energy efficiency; energy justice; energy emissions; energy policy.	Unidentified	Grad	7		13
EME 163	Internal Combustion Engines & Future Alternatives	Fundamentals of internal combustion engine design and performance. Future needs to adapt to environmental concerns, and the feasibility of better alternatives in the future.	Engineering-Mechanical & Aero	Upper Div	/		13
EMS 170L	Sustainable Energy Technologies Laboratory	Fundamentals of manufacturing and characterization of energy devices, such as lithium batteries, fuel cells and photovoltaic cells. Discussion on limiting factors in the performance of the devices.	Material Science & Engineering	Upper div	/		7
EMS 170	Sustainable Energy Technologies: Batteries, Fuel Cells, & Photovoltaic Cells	Basic principles of future energy devices such as lithium batteries, fuel cells, and photovoltaic cells. Examines the current status of these energy technologies and analyze challenges that still must be overcome.	Material Science & Engineering	Upper Div	7		/
ENG 008	Introduction to Entrepreneurship	Students from all majors will learn the processes involved in modern entrepreneurship and identify an opportunity for innovation. The 3 C's of the entrepreneurial mindset (developed by KEEN) will be covered: Curiosity, Connections, and Creating Values.	Engineering	Lower Div	/		8
ENG 080	Launching a Company	Technological innovation and product development. Working as a team to turn ideas into companies through customer development.	Engineering	Lower Div	/		8, 9
ENG 108	Launching a Company	Technological innovation and product development. Working as a team to turn ideas into companies through customer development.	Engineering	Upper Div	9		/
ENG 160	Environmental Physics & Society	Impact of humankind on the environment are discussed from the point of view of the physical sciences. Calculations based on physical principles will be made, and the resulting policy implications are considered.	Engineering	Upper Div	4		/
ENG 188	Science & Technology of Sustainable Power Generation	Focus on scientific understanding and development of power generation that is the basis of modern society. Concentration on power generation methods that are sustainable, in particular, discussion of the most recent innovations.	Engineering	Upper Div	7		/
ENH 001	Introduction to Environmental Horticulture/Urban Forestry	Introduction to the use of plants to enhance the physical, visual and social environment, the use of ecological principles in developing sustainable, low maintenance landscape systems, and the career opportunities in these areas.	Plant Sciences	Lower Div	11		15
ENH 100	Urban Forestry	Principles and practices of planning and managing urban vegetation. Basics of tree appraisal, natural resource inventory, and development of long term urban forest management plans.	Plant Sciences	Upper Div	11		/

ENH 101	Trees of the Urban Forest	Identification and evaluation of 200 tree species of the urban forest on campus, in the Arboretum, and in the city of Davis; appraised and aesthetic values, condition, and branch structure; contribution of trees to this ecosystem. Bicycle required.	Plant Sciences	Upper Div	/	11
ENH 133	Woody Plants in the Landscape: Growth, Ecology & Management	Principles and practices of managing trees and shrubs in the urban landscape and other managed environments. Topics include woody plant form; growth response and adaptation; tree management in relation to soil, moisture, climate; plant problems.	Plant Sciences	Upper Div	/	11
ENH 150	Genetics & Plant Conservation: The Biodiversity Crisis	Conservation of genic diversity, measurement of diversity, threats to diversity and reasons for protection, the process of extinction, distribution of diversity, determination of what to conserve and means of conservation. Examples drawn largely from forest tree species.	Plant Sciences	Upper Div	15	/
ENH 160L	Restoration Ecology Laboratory	Companion field course to ENH 160. Series of part-day and all day visits to various field sites, involving site evaluations, guest field presentations by local restorationists, and actual restoration activities.	Plant Sciences	Upper div	15	/
ENH 160	Restoration Ecology	Broad, interdisciplinary approach to effective restoration. Design and implementation of restoration projects based on principles of physiology, population, community, ecosystem and landscape ecology.	Plant Sciences	Upper Div	15	/
ENH 160	Restoration Ecology	Broad, interdisciplinary approach to effective restoration. Design and implementation of restoration projects based on principles of physiology, population, community, ecosystem and landscape ecology.	Plant Sciences	Upper Div	15	/
ENL 051	Hot Bars, Supreme Lyrics, & Rhymes for Days: Hip Hop as Poetry	Literary approaches to hip hop as poetry. Formal examination of rap lyrics in relation to technology, visual expression, dance, and knowledge production. Historical and cultural consideration of race, ethnicity, gender, urban culture, and politics.	English	Lower Div	/	5, 10
ENL 053	Youth in Revolt	American literary and cultural representations of adolescence as a time of rebellious refusals and wild behaviors in relation to questions of gender and sexuality, psychological states, economic pressures, racial inequality, and methods of discipline and punishment.	English	Lower Div	/	5, 10
ENL 179	Multi-Ethnic Literature of the United States	Writings by American authors of diverse races and ethnicities (African American, Asian, Jewish, Latin American, Native American, and mixed ancestry) clarifying the roles of story-telling and cultural heritage in constructing identity, experiencing displacement, recovering history, and cultivating an inclusive society.	English	Upper Div	10	/
ENL 179	Topics in Comparative Racial & Ethnic Literary Studies	Writings by Black, Indigenous, and/or People-of-Color authors responding to specific American contexts of racialization such as slavery, imperial warfare, international and internal migration, naturalization law, religion, mass incarceration, and environmental injustice.	English	Upper Div	10	/
ENL 181A	African American Literature to 1900	African American literature from the colonial period to 1900. Particular attention to the rapid development of the African American literary culture from a primarily oral tradition to various literary genres, including the slave narrative.	English	Upper div	/	10
ENL 184	Literature & the Environment	Historical and/or thematic survey of topics in writing about the environment.	English	Upper Div	4	/
ENL 185A	Women's Writing I	Women's Writing in English before 1800; organized by period, place, genre, or theme.	English	Upper div	5	/
ENL 185A	Literature by Women Before 1800	Women's Writing in English before 1800; organized by period, place, genre, or theme.	English	Upper div	5	/
ENL 185B	Women's Writing II	Women's Writing in English from 1800 to 1900; organized by period, place, genre, or theme.	English	Upper div	5	/
ENL 185B	Literature by Women from 1800-1900	Women's Writing in English from 1800 to 1900; organized by period, place, genre, or theme.	English	Upper div	5	/
ENL 185C	Women's Writing III	Women's Writing in English after 1900; organized by period, place, genre, or theme.	English	Upper div	5	/
ENL 185C	Literature by Women after 1900	Women's Writing in English after 1900; organized by period, place, genre, or theme.	English	Upper div	5	/
ENL 186	Literature, Sexuality, & Gender	Historically or thematically focused intensive examinations of gender and sexuality in British and American literature.	English	Upper Div	10	5

ENT 002	Biodiversity	Introduction to nature, scope and geographical distribution of biodiversity (diversity of life, with emphasis on plants and animals, especially insects). Humans and biodiversity; domestication, aesthetics, ethics and valuation. Species richness and "success." Biodiversity through time; monitoring, evaluation and conservation. Biomes-global, continental and Californian.	Entomology and Nematology	Lower Div	15	/
ENT 105	Insect Ecology	Introduction to insect ecology combining fundamental concepts and questions in ecology with ideas, hypotheses and insights from insects. Integrates aspects of individual, population, community and ecosystem ecology.	Entomology and Nematology	Upper Div	/	15
ENT 105	Insect Ecology	Introduction to insect ecology combining fundamental concepts and questions in ecology with ideas, hypotheses and insights from insects. Integration of individual, population, community and ecosystem ecology.	Entomology and Nematology	Upper Div	/	15
ENT 110	Arthropod Pest Management	Development of the ecological basis for the integrated pest management paradigm with emphasis on agriculture. Ecological and practical aspects of control tactics. Laboratory emphasizes identification of pests and beneficials of agriculture and urban situations.	Entomology and Nematology	Upper Div	2	/
ENT 110	Arthropod Pest Management	Sustainable management & ecology of arthropod pests in agricultural systems. Techniques for effective, management of arthropod pests via in-depth knowledge about pest biology, life strategies, spatial ecology, and food web functions. Lab & field trip exercises in applied research in pest management, ecology, and evolution using digital technologies (apps, remote sensing, cloud-based decision support).	Entomology and Nematology	Upper Div	2	/
ENT 153	Medical Entomology	Basic biology and classification of medically important arthropods with special emphasis on the ecology of arthropodborne diseases and principles of their control. Relationships of arthropods to human health.	Entomology and Nematology	Upper Div	/	3
ENT 214	Vector-borne Infectious Diseases: Changing Patterns	Vector-borne infectious diseases especially as they relate to changing patterns associated with climatic changes, trade and population movement.	Entomology and Nematology	Grad	3	13
ENV 200C	Social Ecological Systems	Introduction to the concept of social ecological systems with applications to the field of environmental policy. Develops critical analysis skills, understanding links between social and environmental systems, and an ability to understand resilience of social ecological systems in face of change.	Unidentified	Grad	4	/
ENV 201	Environmental Law	Roles of legislatures, agencies, and courts in creating and interpreting law; legal strategies for addressing environmental problems; major environmental statutes; and the relationship between federal and state/local legal authority.	Unidentified	Grad	16	3, 6, 13, 15
ENV 202	Strategies of Environmental Administration & Management	Bureaucracy and public management, organizational theory, analysis of environmental management by US agencies, NGOs, and business. Overview of natural resource management, analyzes the strengths and limitations of different administrative approaches.	Unidentified	Grad	15	12
ENV 202	Policy Development & Implementation	Environmental policy development and implementation processes: developing and enacting legislation, regulation development and review, and implementation of new laws. California state processes. Local, federal, and international policy. Business' role in climate policy. Theory, applied study, discussion with guest experts, and practical skills such as how to write for a policy audience.	Unidentified	Grad	16	3, 6, 13, 15
ENV 203	Environmental Policy Clinic	Teams of students analyze an environmental policy problem from scientific, legal, and economic perspectives. Hands-on learning partnering with rotating clients.	Unidentified	Grad	16	8
EPI 205	Principles of Epidemiology	Basic epidemiologic concepts and approaches to epidemiologic research, with examples from veterinary and human medicine, including outbreak investigation, infectious disease epidemiology, properties of tests, and an introduction to epidemiologic study design and surveillance.	Medicine & Epidemiology - VM	Grad	3	/
EPI 209	History of Epidemiology in Public Health	Introduction to the history of epidemiology in solving major public health problems. Original historical articles will be read/discussed. Topics may include: infectious disease, accidents/adverse events, nutritional deficiencies, community vaccination trials, occupational exposures, cancer, birth defects, cardiovascular disease, and smoking.	Medicine & Epidemiology - VM	Grad	3	/

EPI 230	Introduction to Molecular Epidemiology	Overview of the modern field of molecular epidemiology. Integrates molecular biology into traditional epidemiologic research by identifying pathways, molecules and genes that influence the risk of developing disease.	Medicine & Epidemiology - VM	Grad	/	3
EPI 277	Mathematical Models in Epidemiology	Theory of epidemics and mathematical modeling concepts for infectious diseases to include discrete and continuous time models, their use to explore disease dynamics and investigate prevention and control strategies for human and veterinary infectious diseases.	Medicine & Epidemiology - VM	Grad	3	/
ESM 008	Water Quality at Risk	Natural and human threats to water quality. Balance of science and policy in all aspects of attaining, maintaining, and managing water quality, water contamination. Decoding popular media coverage of water quality and water contamination.	Land, Air, & Water Resources	Lower Div	6	/
ESM 100	Principles of Hydrologic Science	Topics include hydrology (surface and ground water), hydraulic flow through porous media, water in the soil-plant-atmosphere continuum, water quality, flow through open channels, and representative water-resource problems.	Land, Air, & Water Resources	Upper Div	/	6
ESM 118	Evapotranspiration Principles, Measurement & Modeling	Estimation of evapotranspiration (ET) for irrigation management and water resources planning; including the basic principles and key factors controlling evaporation and ET rates, methods of measuring these factors in the field and remotely, and determination of likely water requirements for crops and various landscape conditions as needed for water resources planning.	Land, Air, & Water Resources	Upper Div	/	6
ESM 118	Evapotranspiration Principles, Measurement & Modeling	Estimation of evapotranspiration (ET) for irrigation management and water resources planning; including the basic principles and key factors controlling evaporation and ET rates, methods of measuring these factors in the field and remotely, and determination of likely water requirements for crops and various landscape conditions as needed for water resources planning.	Land, Air, & Water Resources	Upper Div	/	6
ESM 120	Global Environmental Interactions	Relationships among climate, hydrology, biogeochemical cycles, soils and vegetation distribution in diverse landscapes and biomes. Emphasis on physical, chemical, and biological processes affecting ecosystems from the poles to the equator, and human impacts on the environment.	Land, Air, & Water Resources	Upper Div	/	4
ESM 121	Water Science & Management	Role of water as an essential natural resource in contemporary society. Aspects of the scientific method, including descriptions of natural phenomena and underlying physical causes. Water for cities, agriculture, industry, wildlife and recreation; case studies of water management.	Land, Air, & Water Resources	Upper Div	6	/
ESM 131	Air as a Resource	Degradation of the atmospheric resource, historical aspects and effects of air pollution examined. Evaluation of primary gaseous and particulate pollutants and discussion of their impact.	Land, Air, & Water Resources	Upper Div	3	13
ESM 144	Trees & Forests	Biological structure and function of trees as organisms; understanding of forests as communities and as ecosystems; use of forests by humans; tree phenology, photosynthesis, respiration, soil processes, life histories, dormancy, forest biodiversity, and agroforestry.	Land, Air, & Water Resources	Upper Div	/	15
ESM 144	Trees & Forests	Biological structure and function of trees as organisms; understanding of forests as communities and as ecosystems; use of forests by humans; tree phenology, photosynthesis, respiration, soil processes, life histories, dormancy, forest biodiversity, and agroforestry.	Land, Air, & Water Resources	Upper Div	/	15
ESM 186	Environmental Remote Sensing	Overview of satellite, airborne, and ground-based remote sensing, building on properties of electromagnetic radiation. Applications include hydrologic processes, weather and climate, ecology and land use, soils, geology, forestry, and agriculture. Computer based analysis and visualization of images and processing techniques.	Land, Air, & Water Resources	Upper Div	/	15
ESM 194H	Senior Honor Thesis	Independent study, guided research on an environmentally related subject of special interest to the student.	Land, Air, & Water Resources	Upper div	4	/
ESM 195	Integrating Environmental Science & Management	Practical aspects of environmental improvement through integrated analyses of contemporary issues or problems associated with advocacy, regulation, science and resource management from the perspectives of the physical and ecological sciences and current policy/management.	Land, Air, & Water Resources	Upper Div	4	2, 13, 15
ESP 001	Environmental Analysis	Analysis of the physical, biological, and social interactions which constitute environmental problems. Emphasis on analysis of environmental problems, the consequences of proposed solutions, and the interaction of environmental science and public policy in creating solutions.	Environmental Sci and Policy	Lower Div	4	2, 6, 11, 13, 15

ESP 001	Environmental Analysis	Analysis of the physical, biological, and social interactions which constitute environmental problems. Emphasis on analysis of environmental problems, the consequences of proposed solutions, and the interaction of environmental science and public policy in creating solutions.	Environmental Sci and Policy	Lower Div	4	2, 6, 11, 13, 15
ESP 010	Current Issues in the Environment	Science behind environmental issues, and policies affecting our ability to solve domestic and international environmental problems. Resources, environmental quality, regulation, environmental perception and conservation. Integrative case studies.	Environmental Sci and Policy	Lower Div	4	3, 6, 7, 12, 13, 15
ESP 100	General Ecology	Theoretical and experimental analysis of the distribution, growth and regulation of species populations; predator-prey and competitive interactions; and the organization of natural communities. Application of evolutionary and ecological principles to selected environmental problems.	Environmental Sci and Policy	Upper Div	/	15
ESP 100	General Ecology	Theoretical & experimental analysis of the distribution, growth & regulation of species populations; predator-prey & competitive interactions; and the organization of natural communities. Application of evolutionary & ecological principles to selected environmental problems.	Environmental Sci and Policy	Upper Div	/	15
ESP 110	Principles of Environmental Science	Application of physical and chemical principles, ecological concepts, and systems approach to policy analysis of atmospheric environments, freshwater and marine environments, land use, energy supplies and technology, and other resources.	Environmental Sci and Policy	Upper Div	15	7, 12, 13, 14
ESP 111	Marine Environmental Issues	Examination of critical environmental issues occurring in coastal waters including the effects of climate change, overfishing, and other human impacts. Through readings and group discussions, students will develop an integrative understanding of the oceanographic and ecological processes.	Environmental Sci and Policy	Upper Div	14	13
ESP 116N	Oceanography	Advanced oceanographic topics: Chemical, physical, geological, and biological processes; research methods and data analysis; marine resources, anthropogenic impacts, and climate change; integrated earth/ocean/atmosphere systems; weekly lab and one weekend field trip.	Environmental Sci and Policy	Upper div	/	13, 14
ESP 124	Marine & Coastal Field Ecology	Ecology of marine populations and communities living in diverse habitats along the California coast. Hands-on learning using scientific process and tools of the biological trade to address ecological questions arising during field trips. Critical thinking through discussing scientific literature.	Environmental Sci and Policy	Upper Div	/	14
ESP 150C	Biological Oceanography	Ecology of major marine habitats, including intertidal, shelf benthic, deep-sea and plankton communities. Existing knowledge and contemporary issues in research. Segment devoted to human use. One weekend field trip required.	Environmental Sci and Policy	Upper div	/	14
ESP 160	The Policy Process	Alternative models of public policymaking and application to case studies in the U.S. and California.	Environmental Sci and Policy	Upper Div	/	16
ESP 161	Environmental Law	Introduction for non-Law School students to some of the principal issues in environmental law and the judicial interpretation of some important environmental statutes, e.g., NEPA.	Environmental Sci and Policy	Upper Div	16	/
ESP 162	Environmental Policy	Compares economic with socio-cultural approaches to understanding the causes of environmental problems and strategies for addressing them. Includes different approaches to the policy process, policy instruments, and environmental behavior. Applies these principles to several problems.	Environmental Sci and Policy	Upper Div	16	13, 15
ESP 165	Climate Policy	Models, data and assumptions behind competing arguments regarding societal response to the prospect of climate change at the state, national and international level from economic, ethical and policy science perspectives.	Environmental Sci and Policy	Upper Div	13	16
ESP 166	Ocean & Coastal Policy	Overview of U.S. and International ocean and coastal policy, including energy, coastal land-use and water quality, protected areas and species.	Environmental Sci and Policy	Upper Div	14	7, 13, 15
ESP 167	Energy Policy	Survey of primary energy resources (fossil, renewable, nuclear), energy conversion methods, future energy demand scenarios, and environmental impacts of energy. Overview of energy policy in the U.S. Analysis of policy alternatives for addressing energy-related environmental and national security issues.	Environmental Sci and Policy	Upper Div	7	/

ESP 168A	Methods of Environmental Policy Evaluation	Evaluation of alternatives for solution of complex environmental problems; impact analysis, benefit/cost analysis, distributional analysis, decision making under uncertainty, and multi-objective evaluation.	Environmental Sci and Policy	Upper div	16	/
ESP 168A	Methods of Environmental Policy Analysis	Evaluation of alternatives for solution of complex environmental problems; impact analysis, benefit cost analysis, distributional analysis, decision making under uncertainty, and multi-objective evaluation.	Environmental Sci and Policy	Upper div	16	/
ESP 168B	Methods of Environmental Policy Analysis	Continuation of ESP 168A. Emphasis on examination of the literature for applications of research & evaluation techniques to problems of transportation, air & water pollution, land use, and energy policy.	Environmental Sci and Policy	Upper div	16	3, 6, 7, 11, 15
ESP 168B	Methods of Environmental Policy Evaluation	Continuation of ESP 168A. Emphasis on examination of the literature for applications of research & evaluation techniques to problems of transportation, air & water pollution, land use, and energy policy.	Environmental Sci and Policy	Upper div	16	1, 3, 6, 7, 11, 14, 15
ESP 169	Water Policy & Politics	Governance of water, including issues of water pollution/quality and water supply. Politics of water decision-making and effectiveness of water policy. Broad focus on federal water policy, with case examples from nationally significant U.S. watersheds.	Environmental Sci and Policy	Upper Div	6	/
ESP 170	Conservation Biology Policy	Analysis of policies designed to conserve species and their habitats. Emphasis on how individual incentives affect the success of conservation policies. Valuation of endangered species and biodiversity. Criteria for deciding conservation priorities.	Environmental Sci and Policy	Upper Div	15	/
ESP 171	Urban & Regional Planning	How cities plan for growth in ways that minimize environmental harm. Standard city planning tools (general plan, zoning ordinance) and innovative new approaches. Focus on planning requirements and practices in California. Relationships between local, regional, state, and federal policy.	Environmental Sci and Policy	Upper Div	11	/
ESP 171	Urban & Regional Planning	How cities plan for growth in ways that minimize environmental harm. Standard city planning tools (general plan, zoning ordinance) and innovative new approaches. Focus on planning requirements and practices in California. Relationships between local, regional, state, and federal policy.	Environmental Sci and Policy	Upper Div	11	/
ESP 172	Public Lands Management	Investigation of alternative approaches to public lands management by Federal and state agencies. Role each agency's legislation plays in determining the range of resource allocations.	Environmental Sci and Policy	Upper Div	15	/
ESP 173	Land Use & Growth Controls	Exposes students to the economic, political, and legal factors affecting land use and growth controls, and helps students critically evaluate written materials in terms of their arguments and supporting data. May be taught abroad.	Environmental Sci and Policy	Upper Div	15	/
ESP 174	Environmental Justice Policy & Practice	History and frameworks of environmental justice; environmental justice policy; methods of spatial analysis. Emphasis on California and the United States.	Environmental Sci and Policy	Upper Div	16	3, 6, 11
ESP 178	Applied Research Methods	Research methods for analysis of urban and regional land use, transportation, and environmental problems. Survey research and other data collection techniques; demographic analysis; basic forecasting, air quality, and transportation models. Collection, interpretation, and critical evaluation of data.	Environmental Sci and Policy	Upper Div	11	/
ESP 179	Environmental Impact Assessment	Introduction to the information resources and methods typically used in environmental impact analysis. Emphasis on how environmental information is applied to planning, environmental regulation, and public policymaking, with case studies from California land use and natural resource policy.	Environmental Sci and Policy	Upper Div	16	2, 6, 11, 14, 15
ESP 191A	Workshop on Food System Sustainability	First in a two-quarter senior capstone course sequence. Identify projects addressing specific problems and opportunities of sustainable agriculture and food systems, form multidisciplinary teams, and identify and consult with key stakeholders to understand their needs and concerns.	Environmental Sci and Policy	Upper div	2	/
ESP 191B	Workshop on Food System Sustainability	Continuation of ESP 191A. Teams conduct analyses of a specific issue in sustainable agriculture or food systems, prepare a critical assessment of technological, economic, environmental, and social dimensions of options for action and present their results to stakeholders.	Environmental Sci and Policy	Upper div	2	/
ETX 010	Introduction to Environmental Toxicology	Hazardous substances, their effects on humans and their actions and movement in the environment. Emphasis on substances of current concern.	Environmental Toxicology	Lower Div	/	13, 14

ETX 030	Chemical & Drug Use & Abuse	Overview of chemical use and abuse in our society. Effects of chemicals (therapeutic drugs, pesticides, food additives, herbal remedies, environmental contaminants, and recreational drugs) on humans and other living systems.	Environmental Toxicology	Lower Div	/	3	
ETX 101	Principles of Environmental Toxicology	Principles of toxicology with a focus on environmental, industrial, and natural chemicals. Topics include fate and effects of chemicals in organisms and the environment, air pollutants, insecticides, aquatic toxicology, endocrine disruptors, biomarkers and bioassays, and risk assessment.	Environmental Toxicology	Upper Div	/	3	
ETX 101	Principles of Environmental Toxicology	Principles of toxicology with a focus on environmental, industrial, and natural chemicals. Topics include fate and effects of chemicals in organisms and the environment, air pollutants, insecticides, aquatic toxicology, endocrine disruptors, biomarkers and bioassays, and risk assessment.	Environmental Toxicology	Upper Div	/	3	
ETX 102A	Environmental Fate of Toxicants	Properties of toxic chemicals influencing their distribution and transformations; action of environmental forces affecting toxicant breakdown, movement, and accumulation; sources and occurrence of major classes of environmental toxicants.	Environmental Toxicology	Upper div	12	/	
ETX 102B	Quantitative Analysis of Environmental Toxicants	Sample preparation methods for trace analysis of environmental toxicants. Concept and techniques of advanced analytical instrumentation. Interpretation and use of analytical data.	Environmental Toxicology	Upper div	/	3	
ETX 120	Perspectives in Aquatic Toxicology	Toxic substances, their fate in marine and freshwater systems, and their effects on aquatic organisms, populations, and ecosystems. Emphasis will be on substances and issues of current concern.	Environmental Toxicology	Upper Div	14	15	
ETX 120	Perspectives in Aquatic Toxicology	Toxic substances, their fate in marine and freshwater systems, and their effects on aquatic organisms, populations, and ecosystems. Emphasis will be on substances and issues of current concern.	Environmental Toxicology	Upper Div	14	15	
ETX 128	Food Toxicology	Chemistry and biochemistry of toxins occurring in foods, including plant and animal toxins, intentional and unintentional food additives. The assessment of food safety and toxic hazards.	Environmental Toxicology	Upper Div	/	2	
ETX 131	Environmental Toxicology of Air Pollutants	Field trip required. Toxicology of air pollutants in the ambient, indoor, and occupational environments. Health effects, sources, environmental fates, pulmonary responses, sampling and analyses, and air-quality criteria and standards. Field trip required.	Environmental Toxicology	Upper Div	3	8	
ETX 135	Health Risk Assessment of Toxicants	Current practices of health risk assessment of environmental chemicals using toxicological principles and their application to regulatory control of these chemicals.	Environmental Toxicology	Upper Div	3	12	
ETX 138	Legal Aspects of Environmental Toxicology	Federal and California legislation concerning air and water pollution, pesticide use, food and feed additives, consumer protection, and occupational exposure to toxic substances; roles of federal regulatory agencies; alternatives to government control.	Environmental Toxicology	Upper Div	3	3, 6, 12	
ETX 146	Exposure & Dose Assessment	Exposure component of risk assessment; specifically, the presence and/or formation of toxic substances in environmental media, their movement within and between contaminated media, and the contacts of human populations with those media.	Environmental Toxicology	Upper Div	/	3	
ETX 150	Evolution in Human-Altered Environments	Effects of recent human alterations to the natural environment on the evolutionary trajectories of diverse species, including our own.	Environmental Toxicology	Upper Div	/	15	
ETX 203	Environmental Toxicants	Toxic chemicals: selected topics illustrating their occurrence, structure, and the reactions underlying detection, toxicity, fate, and ecological importance.	Environmental Toxicology	Grad	/	12, 15	
ETX 240	Ecotoxicology	Principles of toxicology as applied to chemical action on natural populations, communities, and ecosystems. Physical, chemical, and biological characteristics which influence ecotoxic effects, modeling, and field research. Selected case histories are analyzed and presented in class.	Environmental Toxicology	Grad	15	/	
ETX 260	Immunotoxicology	Provides students with skills and knowledge for evaluating and applying research on the impact of environmental toxicants on immunological function in human and wildlife populations.	Environmental Toxicology	Grad	3	15	
EVE 012	Life in the Sea	Diversity of life in the sea; adaptations to physical/chemical ocean environment; marine science research methods; utilization of living marine resources by humans; factors and processes that influence diversity of sea life, including humans.	Evolution & Ecology	Lower Div	/	14	
EVE 104	Community Ecology	Population growth and density dependence; predation; exploitative, interference and apparent competition; coexistence mechanisms; niches, spatial and temporal variation; stability, diversity, and productivity of food webs; applications to conservation and biological control. Emphasis on quantitative understanding through models, concepts, and empirical evidence.	Evolution & Ecology	Upper Div	/	15	

EVE 109	Molecular Ecology	Use of molecular tools to answer fundamental questions in ecology and evolution of natural populations. Use of DNA and protein sequences to measure diversity and natural selection within and between populations and species and application to the fields of ecology and conservation. Hands-on manipulation and analysis of data in R.	Evolution & Ecology	Upper Div	/	15
EVE 115	Marine Ecology	Processes affecting the distribution, abundance, and diversity of plant and animal life in the sea. Introduction to marine habitat diversity and human impacts on marine ecosystems.	Evolution & Ecology	Upper Div	/	14
EVE 119	Population Biology of Invasive Plants & Weeds	Origin and evolution of invasive plant species and weeds, reproduction and dispersal, seed ecology, modeling of population dynamics, interactions between invasive species, native species, and crops, biological control. Laboratories emphasize design of competition experiments and identification of weedy species.	Evolution & Ecology	Upper Div	15	/
EVE 120	Global Change Ecology	Treatment of historical evolution of the biosphere resulting from physical, chemical, and biological influences. Special focus upon changes caused by humans. Topics pertain to biodiversity, resources, conservation, and ecosystem services.	Evolution & Ecology	Upper Div	15	13, 14
EVE 220	Species & Speciation	Current status of species concepts, models of speciation, current research on speciation, and relevance of species to conservation biology.	Evolution & Ecology	Grad	/	15
EVH 200	Interdisciplinary Readings in the Environmental Humanities	Classic and contemporary readings in environmental history, ecocriticism, environmental philosophy and ethics, geography, design, cultural anthropology, cultural studies, ecoarts, and other fields that make up the environmental humanities.	Unidentified	Grad	4	/
EXB 120	Sport in American Society	Sociological approaches to the study of sport and contemporary American culture, including sport interaction with politics, economics, religion, gender, race, media and ethics. Socialization factors involving youth, scholastic, collegiate, and Olympic sport.	Neurobiology, Physio & Behavr	Upper Div	/	5, 10
FAP 092C	Primary Care Clinic	Students must apply and interview with the Board of Clinica Tepati or Imani Clinic. Field experience exposes lower division students to health care delivery, patient histories, physical examinations, health promotion, disease prevention, diagnosis; treatment of episodic, acute, chronic illness; appropriate referral and follow-up.	Family & Comm Medicine - MD	Lower div	3	/
FAP 192C	Primary Care Clinics	Students must apply and interview with the Board of Clinica Tepati or Imani Clinic. Field experience introduces students to health care delivery, patient histories and physical examinations, health promotions and disease prevention, diagnosis and treatment of episodic, acute and chronic illness, basic laboratory testing and appropriate referral and follow-up.	Family & Comm Medicine - MD	Upper div	3	/
FAP 195	Health Care to Underserved Populations	Discusses sociocultural perspectives of underserved populations in California impacting their health; roles of family/interpersonal relationships in making health care decisions; and clinician's perspectives in treating people of cultures which are unfamiliar and/or uncomfortable with Western medicine.	Family & Comm Medicine - MD	Upper Div	3	/
FMS 001	Introduction to Film Studies	Analysis of film form and narrative, including cinematography, editing, and sound. Issues in film studies, including authorship, stardom, race, gender, class, and cultural identity. Includes introduction to selected cinematic movements and national film traditions.	Cinema and Digital Media	Lower Div	/	5, 10
FMS 045	Vampires & Other Horrors in Film & Media	History of representations of vampires and horror generally from the 19th-21st centuries. Emphasis on transnational history of the horror genre; psychologies of horror effects; issues of race, gender, and class; intersections with prejudice, medicine, modernity.	Cinema and Digital Media	Lower Div	/	5, 10
FMS 125	Topics in Film Genres	A study of one or more of the film genres (such as the documentary, the musical, film noir, screwball comedy, or the western), including genre theory and the relationship of the genre(s) to culture, history, and film industry practices.	Cinema and Digital Media	Upper Div	/	4
FOR 201C	Forensic Science Fundamentals-C	Arson and explosives, quality assurance and accreditation, the law and science interface and court testimony as practiced in the forensic sciences. Third in a series of three courses that covers the curriculum requirements of the Forensic Education Program Accreditation Committee (FEPAC).	Environmental Toxicology	Grad	/	16
FOR 212	Scientific Evidence & Courtroom Testimony	Explores the relationship between science and the criminal justice system. Admissibility of scientific testimony and documentary proof during the trial, concepts of relevancy, hearsay and opinion rule, examination of expert witnesses, impact of Kelley-Fry and Daubert decisions & court testimony.	Environmental Toxicology	Grad	16	/

FOR 218	Technical Writing in Forensic Science	How to write clear, credible forensic science reports and scientific articles, that (a) serve the ends of the justice system, (b) meet their readers' varying needs and (c) reflect well on the author.	Environmental Toxicology	Grad	16	/
FOR 240	Homicide Crime Scene Investigation	Processing and evaluating complex homicide scenes. Functions and activities of police agencies. Recognition, documentation, identification, and collection of evidence. Event sequence reconstruction. Evidence collection, preservation, report writing. Courtroom presentation.	Environmental Toxicology	Grad	16	/
FOR 263	Forensic Computer Science Investigations	Discuss the threats to the security of any kind of evidence that is captured, transmitted, or stored digitally and develop critical thinking and basic knowledge of computer forensic science issues in the evaluation of digital evidence.	Environmental Toxicology	Grad	16	/
FRE 108	Modern French Culture	Survey of modern French culture from the Dreyfus affair to the present day. Topics may include women and French culture, decolonization and modernization, education, social welfare and immigration.	French & Italian	Upper Div	/	5, 10
FRE 124	Post-Colonial & Francophone Literature	Post-Independence Black African and/or Caribbean and/or North African literatures written in French. Selected topics include: identity & subjectivity, the role of the intellectual, women's voices, languages & oral literatures, cultural syncretism, theories of post-colonialism.	French & Italian	Upper Div	/	5, 10
FSM 120L	Quantity Food Production Laboratory	Laboratory experience in quantity food production and service.	Nutrition	Upper div	2	/
FSM 120	Principles of Quantity Food Production	Fundamental principles of food service management, including quantity food preparation, institutional equipment, receiving and storage, service, menu planning, merchandising, and safety. Students earn food safety certification.	Nutrition	Upper Div	2	/
FST 001	Principles of Food Science	Food science fundamentals. Fresh and processed food technologies; world food problems; food composition; food microbiological and toxicological safety; food laws; evaluation of acceptability and nutritional value.	Food Science & Technology	Lower Div	2	/
FST 010	Food Science, Folklore & Health	Ancient and modern food folklore in relation to health and well-being. Food safety, organic food, herbalism, food preservation, and nutritional enhancement.	Food Science & Technology	Lower Div	2	/
FST 050	Introduction to Food Preservation	Introduction to modes of fresh food preservation including use of chemicals and microbes, heat and energy, control of water and atmosphere, and by indirect approaches such as packaging, hygienic design and sanitation.	Food Science & Technology	Lower Div	2	/
FST 100B	Food Properties	Sensory quality, chemical and microbial safety, and nutritional properties of foods. Effects of food processing and preparation on these properties. Selected properties of food commodities.	Food Science & Technology	Upper div	2	/
FST 104L	Food Microbiology Laboratory	Cultural and morphological characteristics of microorganisms involved in food spoilage, in foodborne disease, and food fermentation. Analysis of microbiological quality of foods.	Food Science & Technology	Upper div	/	2
FST 104L	Food Microbiology Laboratory	Cultural and morphological characteristics of microorganisms involved in food spoilage, in foodborne disease, and food fermentation. Analysis of microbiological quality of foods. May be taught abroad.	Food Science & Technology	Upper div	/	2
FST 104	Food Microbiology	Microorganisms in food safety, spoilage, and production. Food-borne disease agents and their control. Growth parameters of food spoilage agents. Destruction of microbes in food. Food fermentations. The development of microbes as a resource for the food industry.	Food Science & Technology	Upper Div	/	2
FST 109	Principles of Quality Assurance in Food Processing	Quality assurance measurement techniques applied to selected food processed products emphasized. Rationale for establishing valid quality assurance programs including selection of samples at critical points. Statistical problems in quality assurance programs used by the food industry.	Food Science & Technology	Upper Div	2	/
FST 109	Principles of Quality Assurance in Food Processing	Quality assurance systems for food industry with essential measurement & analysis techniques and discussion of QA management & control programs. Regulations and audit, as well as the processes for validation and verification of quality of food systems, are emphasized.	Food Science & Technology	Upper Div	2	/
FST 228	Sustainable Food Systems	Environmental impacts of food systems. Methods for quantifying resource use and managing waste for food production and processing. Influence of policies, technologies, and consumer demand on advancing sustainable food systems.	Food Science & Technology	Grad	2	12

GDB 090	Introduction to Global Disease Biology	Introduction to the Global Disease Biology major, research and internship opportunities, and potential career paths in human, animal, and plant health. Communication, ethics and the nature of science.	Plant Pathology	Lower Div	/	3
GDB 101	Epidemiology	Principles and practice of epidemiology as applied to human, animal, and plant populations and the environment in which these populations co-exist. Quantitative analysis of both infectious and non-infectious disease. Inter-dependence between epidemiological analysis, decision-making and policy formulation will be highlighted.	Plant Pathology	Upper Div	3	/
GDB 102	Disease Intervention & Policy	Examination of the prevention and treatment of diseases affecting humans, animals, and plants. Case studies illustrate the merits of a unified approach to promoting health at local, regional, and global scales.	Plant Pathology	Upper Div	3	/
GDB 103	Microbiome of People, Animals, & Plants	Examination of the structure and function of microbial communities that live inside and on host organisms. Introduction to general concepts of the microbiome and microbiota, and their relationship to host health and disease.	Plant Pathology	Upper Div	/	3
GDB 106	Geographies of Health	Multiple geographies of health, including how both physical environmental systems and human social, economic & political systems impact health and disease. Global, comparative geographical approach emphasizes the benefits of integrated multidisciplinary analyses for planetary health success.	Plant Pathology	Upper Div	3	/
GEL 010	Modern & Ancient Global Environmental Change	Fundamental scientific concepts underlying issues such as global warming, pollution, and the future of unsustainable resources presented in the context of anthropogenic processes as well as natural forcing of paleoenvironmental change throughout Earth's history.	Geology	Lower Div	13	12
GEL 016	The Oceans	Introductory survey of the marine environment. Oceanic physical phenomena, chemical constituents and chemistry of water, geological history, the seas biota and human utilization of marine resources	Geology	Lower Div	/	14
GEL 017	Earthquakes & Other Earth Hazards	Impact of earthquakes, tsunamis, volcanoes, landslides, and floods on humans, structures, and the environment. Discussion of the causes and effects of disasters and catastrophes, and on prediction, preparation, and mitigation of natural hazards.	Geology	Lower Div	/	13, 15
GEL 035	Rivers	Introduction to geomorphology, climate and geology of rivers and watersheds, with case examples from California. Assessment of impacts of logging, agriculture, mining, urbanization and water supply on river processes. Optional river field trips.	Geology	Lower Div	/	2, 6, 11, 12
GEL 108	Earth History: Paleoclimates	Geological and environmental factors controlling climate change, the greenhouse effect with a detailed analysis of the history of Earth's climate fluctuations over the last 600 million years. Past and present climate records are used to examine potential future climatic scenarios.	Geology	Upper Div	/	13
GEL 131	Risk: Natural Hazards & Related Phenomena	Risk, prediction, prevention and response for earthquakes, volcanic eruptions, landslides, floods, storms, fires, impacts, global warming.	Geology	Upper Div	/	13
GEL 133	Environmental Geochemistry	Introduction to Earth surface processes with a focus on topics of current environmental interest such as nuclear power and waste disposal, acid mine drainage, carbon sequestration, history of polar ice sheets and sea level change.	Geology	Upper Div	4	7, 12, 13
GEL 136	Ecogeomorphology of Rivers & Streams	Integrative multidisciplinary field analysis of streams. Class project examines hydrology, geomorphology, water quality and aquatic and riparian ecology of degraded and pristine stream systems. Includes cooperative two-week field survey in remote wilderness settings with students from diverse scientific backgrounds.	Geology	Upper Div	/	15
GEL 186	Facilitating Learning in STEM Classrooms	STEM Learning Assistant Seminar. Theoretical and practical issues of effective teaching in discussion/labs: student-centered, active, cooperative learning environments, responsive teaching, and differentiated classroom instruction.	Geology	Upper Div	4	/
GEL 230	Geomorphology & River Management	Impacts of management and land use activities on the geomorphology of rivers and streams. Evaluation and use of analytical tools for river assessment. Assessment of river and stream restoration strategies and emerging issues in river management.	Geology	Grad	15	/

GEL 232	Oceans & Climate Change	Modern climate change and linkages between the ocean-atmosphere-cryosphere-terrestrial climate system. Importance of the ocean in forcing climate change, and the impacts of anthropogenic processes on the ocean. Topics vary. Offered irregularly.	Geology	Grad	13	14
GEO 233	Urban Planning & Design	Regulation, design, and development of the built landscape, planning and land development processes, zoning and subdivision regulation, site planning, urban design goals and methods, public participation strategies, creatively designing landscapes to meet community and ecological goals.	Human Ecology	Grad	11	/
GEO 236	Transportation Planning & Policy	Transportation planning process at the regional level, including the role of federal policy in shaping regional transportation planning, tools and techniques used in regional transportation planning, issues facing regional transportation planning agencies, pros and cons of potential solutions and strategies.	Human Ecology	Grad	11	/
GER 041	Melodrama from Mozart to Lion King	Melodrama as a major dramatic genre from Mozart's music dramas in the 18th century to films in the 21st century. Tragic psychological effects of death, war destruction, and the demonic, melodramatic expressions of political oppression, economic exploitation, and revolution, issues of race, gender, and class, capitalism and modernity, transnational and trans-generic adaptations.	German & Russian	Lower Div	/	5, 10, 16
GER 114	From Marlene Dietrich to Run, Lola Run: German Women & Film	Knowledge of German not required. Women in German film from the Weimar Republic to present, with special emphasis on conceptualizations of gender, historical and political context, aesthetic and filmic innovations.	German & Russian	Upper Div	/	5
GER 114	From Marlene Dietrich to Run, Lola Run: German Women & Film	Knowledge of German not required. Women in German film from the Weimar Republic to present, with special emphasis on conceptualizations of gender, historical and political context, aesthetic and filmic innovations.	German & Russian	Upper Div	/	5
GER 168	Multiculturalism in German Literature	Examples of German literature from the High Middle Ages to the present that explore the "encounter with the other" (people of color, different beliefs and cultures, and inner-German minorities).	German & Russian	Upper Div	10	/
GGG 220	Genomics & Biotechnology of Plant Improvement	Integration of modern biotechnology and classical plant breeding including the impact of structural, comparative and functional genomics on gene discovery, characterization and exploitation. Covers molecular markers, plant transformation, hybrid production, disease resistance, and novel output traits.	BioSci Graduate Grp Cluster	Grad	/	2
GGG 250	Functional Genomics: From Bench to Bedside	Functional genomics (how genetic variation and epigenomics affect gene expression), with an emphasis on clinical relevance and applications. Topics include genetic variation and human disease, cancer therapeutics, and biomarker discovery.	BioSci Graduate Grp Cluster	Grad	3	/
GRD 198	Directed Group Study	Preparation of undergraduate students in identified graduate school pipeline programs (e.g. McNair scholars) for graduate education. Emphasis on educating and training undergraduates on key skills and competencies needed for the development of a successful graduate school applicant and future graduate scholar. Topics will vary.	Unidentified	Upper Div	4	/
GSW 050	Introduction to Critical Gender Studies	Introduction to interdisciplinary, critical gender studies. The emergence of women's, gender and feminist studies internationally, its links to women's movements, and its influence within the various arts, humanities and social science disciplines.	Unidentified	Lower Div	5	/
GSW 103	Introduction to Feminist Theory	Introduction to the emergence of feminist theory and to key concepts in feminist theorizing. Examination of past and current debates over sexuality, race, identity politics, and the social construction of women's experience.	Unidentified	Upper Div	5	10
HDE 012	Human Sexuality	Vocabulary, structure/function of reproductive system; sexual response; pre-natal development; pregnancy and childbirth; development of sexuality; rape and sexual assault; birth control; sexually transmitted diseases; homosexuality; establishing/maintaining intimacy; sexual dysfunctions; communication; enhancing sexual interaction, cultural differences in attitudes towards sexuality. May be taught abroad.	Human Ecology	Lower Div	5	/
HDE 104	Children in Families, Schools, Communities	Children's social contexts (e.g., family, peers, school, neighborhood, community culture), development, and environmental challenges (e.g., poverty, maltreatment) from birth through adolescence.	Human Ecology	Upper Div	/	1, 10

HDE 110	Families in Communities	Family member's roles, interactions, and development, and how families are impacted by the larger community and society in which they live. Relevant topics/issues include: gender, race/ethnicity, parenting, marriage, grandparents, divorce, acculturation, migration, and policies relevant to family well-being.	Human Ecology	Upper Div	/	5, 10
HDE 110	Families in Communities	Family member's roles, interactions, and development, and how families are impacted by the larger community and society in which they live. Relevant topics/issues include: gender, race/ethnicity, parenting, marriage, grandparents, divorce, acculturation, migration, and policies relevant to family well-being.	Human Ecology	Upper Div	/	5, 10
HDE 130	Developmental Psychopathology	Foundational principles and current issues in developmental psychopathology, the study of mental health problems and disorders that originate in childhood and adolescence (e.g., disruptive behavior, mood and anxiety disorders).	Human Ecology	Upper Div	3	/
HDE 131	Thriving Across the Lifespan	Positive developmental trajectories from womb to tomb. Developmental process of thriving (e.g., happiness, life satisfaction, wisdom) and the factors that support thriving.	Human Ecology	Upper Div	3	/
HDE 133	Stress, Adversity & Resilience	Short and long term biobehavioral responses to stress and adversity. The biological, psychological, social, and cultural factors of resilience. Interventions promoting resilience. Developmental perspective of stress and resilience across the lifespan.	Human Ecology	Upper Div	3	/
HDE 134	Disparities & Inequalities in Health & Wellbeing	Biological, psychosocial, environmental, historical, and political factors on disparities and inequalities. Individual differences in risk exposures. Developmental and intergenerational processes. Policy applications of disparities research.	Human Ecology	Upper Div	3	10
HDE 135	Health Behaviors Across the Lifespan	Development of health-related behaviors and physical and mental health outcomes across the lifespan. Coping strategies and behaviors such as nutrition, physical activity, technology, substance use/abuse, and social and cognitive engagement, as related to developmental stage.	Human Ecology	Upper Div	3	2
HDE 137	Contextual Determinants of Health	Community, cultural, political, and physical environment influences on health and well-being. Developmental approach. Unique contextual determinants of health from womb to tomb.	Human Ecology	Upper Div	3	/
HDE 140L	Laboratory in Early Childhood	Application of theories of learning and development to interaction with infants, toddlers, and preschoolers at Early Childhood Laboratory. Applied skills in communication, guidance and curriculum.	Human Ecology	Upper div	4	/
HDE 140L	Laboratory in Early Childhood	Application of theories of learning and development to interaction with infants, toddlers, and preschoolers at Early Childhood Laboratory. Applied skills in communication, guidance and curriculum.	Human Ecology	Upper div	4	/
HDE 140	Communication & Interaction with Young Children	Integration of research, theory and practice in child development, emphasizing the role of relationships in creating a growth-promoting environment for young children. Includes: peer relationships, emotional understanding and self regulation, attachment, communication and school readiness.	Human Ecology	Upper Div	4	/
HDE 142	Field Study with Emotionally Distressed Children & Adolescents	Field study with children who are identified as emotionally distressed, including those with internalizing and externalizing behavioral problems.	Human Ecology	Upper Div	/	3
HDE 161	Applied Cognition & Aging	Principles from cognition and aging and applies these to real-world concerns in areas including education, technology, job performance, and health. Considers physical and social changes in later life that impact functioning.	Human Ecology	Upper Div	/	3
HDE 161	Technology Use, Health, & Aging	Principles from gerontology applied to older adults' use of technology to support health and well-being across a variety of domains (e.g., cognitive and physical fitness, social engagement) and contexts (assisted living, aging in place). Cognitive, sensory, and physical changes in later life that impact technology use.	Human Ecology	Upper Div	3	/
HDE 163	Cognitive Neuropsychology in Adulthood & Aging	Theories, methods, and findings concerning the relationship between cognitive processes and brain functioning. Readings, lectures, and in-class discussions cover research on normal younger and older adults, neuropsychological case studies, and selected patient groups (e.g., amnesia, schizophrenia, Alzheimer's disease).	Human Ecology	Upper Div	/	3
HDE 180	Special Topics in Human Development	In-depth examination into selected topics in the field of human development (e.g., brain development, parenting, nutrition). Content varies from quarter to quarter.	Human Ecology	Upper Div	/	2

HIS 007A	History of Latin America to 1700	Introduction to the history of Spanish and Portuguese America from the late pre-Columbian period through the initial phase and consolidation of a colonial regime (circa 1700). Topics include conquest, colonialism, racial mixture, gender, and labor systems.	History	Lower div	/	5, 10
HIS 007C	History of Latin America 1900-present	Latin America since the beginning of the 20th century. Themes include export economies, oligarchic rule, crises of depression and war, corporatism, populism, revolution and reform movements, cultural and ethnic issues, U.S.-Latin American relations, neo-liberal restructuring.	History	Lower div	/	16
HIS 013	Global Sexualities	Global history of sexualities, including comparative study of gender, marriage, and fertility before 1800, followed by the modern history of sexualities worldwide as it intersects with imperialism, race, population control, law, and globalization.	History	Lower Div	/	10, 16
HIS 015A	Africa to 1900	Introduction to African history to 1900. Origins and impact of early human history, precolonial states and societies, slavery and the slave trade, religious and cultural movements, and the foundations of European colonialism.	History	Lower div	/	10
HIS 015B	Africa Today	Survey of major themes in colonial and postcolonial sub-Saharan African history, including colonialism, decolonization, nationalism and politics, economic history and labor, urbanization, popular culture, gender, marriage, and family life.	History	Lower div	4	5, 8, 10
HIS 018A	Race in America to 1865	Introduction to history of race and racial formation in the United States to the Civil War through a comparative approach. Examines the experiences of African Americans, Asian Americans, Native American, Mexican Americans and other Latino/a groups.	History	Lower div	10	/
HIS 018B	Race in the United States Since 1865	Introduction to the history of race and racial formation in America since 1865 through a comparative approach that examines the experiences of African Americans, Asian Americans, Native American and Mexican Americans and other Latino/a groups.	History	Lower div	10	/
HIS 019	Migration & Borders in Global History	Introduction to global migration history from 1800 to the present; labor migration systems; border governance; undocumented migrants; partition, displacement, and refugee regimes; race, class, and gender in migration law.	History	Lower Div	10	8
HIS 072A	Women & Gender in America, to 1865	History of women and gender in America through 1865, emphasizing intersections of gender, race, class, and sexuality. Topics include interracial marriage, slavery, witchcraft, meanings of motherhood, war, domestic labor, moral reform, women's rights, migrations, the effects of commercialization and industrialization.	History	Lower div	5	/
HIS 072B	Women & Gender in America, 1865-Present	History of women and gender in America since 1865, emphasizing intersections of gender, race, class, and sexuality. Covers emancipation, migration, immigration, war, media, same-sex and opposite-sex relationships, and the birth control, suffrage, labor, civil rights, feminist, and anti-feminist movements.	History	Lower div	5	/
HIS 080W	The History of the United States in the Middle East	History of the United States in the Middle East from 1900 to the present. Examination of U.S. foreign relations toward the Middle East, their regional ramifications and domestic repercussions with extensive writing.	History	Lower div	/	12, 16, 17
HIS 080	The History of the United States in the Middle East	History of the United States in the Middle East from 1900 to the present. Examination of U.S. foreign relations toward the Middle East, their regional ramifications and domestic repercussions.	History	Lower Div	/	12, 16, 17
HIS 107	Medicine's Histories: Human & Veterinary Medicine from the Ancient World to One Health	Global, comparative study of the related histories of human and veterinary medicine from the ancient world to today's interdisciplinary One Health. Emphasis on reintegration of human and veterinary medicine to meet the biggest health challenges today.	History	Upper Div	/	3
HIS 110A	Colonialism & the Making of the Modern World	History of the modern world, focusing on struggles between Europeans and colonized peoples; the global formation of capitalism; the creation of nation-states; and the constitution of bourgeois bodies and racial selves in modern societies.	History	Upper div	10	/
HIS 115A	History of West Africa	West and Central Africa from 1500 to the present. Origins and impact of precolonial states and societies, the trans-Atlantic slave trade, colonialism, decolonization, nationalism, and changes in religions, politics, economics, gender, and culture.	History	Upper div	10	3, 5, 16
HIS 115B	History of East Africa & the Indian Ocean	Eastern Africa and the Indian Ocean world from 1500 to the present. Origins and impact of precolonial states and societies, slavery, trade, colonialism, decolonization, nationalism, and changes in religions, politics, economics, gender, and culture.	History	Upper div	10	5, 16

HIS 115C	History of Southern Africa from Exploration to the Rainbow Nation	Southern Africa from 1500 to the present. Origins and impact of precolonial states and societies, European colonization, industrialization, urbanization, nationalism, apartheid, and changes in religions, politics, economics, gender, and culture.	History	Upper div	10	5
HIS 126Y	The History of Human Rights in Europe	History of the origins, development, and state of international humanitarian law (IHL) and international human rights law (IHRL) in Europe. Emphasis on Enlightenment-era and modern theories of the source, utility, and limits of human rights.	History	Upper div	16	/
HIS 132	Crime & Punishment in Early Modern Europe	Deviance and crime in early modern Europe, contrasting imaginary crimes, e.g. witchcraft, with "real" crimes such as highway robbery and infanticide. Examines impact of gender, sexual orientation, ethnicity, and class in processes of criminalization.	History	Upper Div	16	5, 10
HIS 142A	History of the Holocaust	Topics include comparative genocide, medieval and modern antisemitism, modern German history, the rise of Nazism, Jewish life in Europe before the Nazi period, and the fate of the Jewish communities and other persecuted groups in Europe from 1933-1945.	History	Upper div	16	10
HIS 144B	History of Germany since 1789	History of the German lands in the age of the French Revolution; 19th-century liberalism, nationalism, and industrialization; the World Wars, National Socialism, and the Holocaust; east and west Germany in the Cold War; the post-reunification scene.	History	Upper div	/	16
HIS 147C	European Intellectual History: 1920-1970	European thought and culture since World War I. Coverage includes: literature and politics; Communism and Western Marxism; Fascism; Existentialism; Structuralism; Feminism. Particular attention to Lenin, Brecht, Hitler, Sartre, Camus, Beckett, Marcuse, Foucault, Woolf and de Beauvoir.	History	Upper div	/	5
HIS 156	Latin American Migration History	Migrations to, from, and within Latin America, with a focus on the period from independence to the present day. The historical development of settler colonialism, inter-regional migrations, rural-to-urban migration, migration promotion, restriction laws, naturalization, and sanctuary across Latin American scenarios. Research paper required.	History	Upper Div	10	/
HIS 157	Business, Biomes & Knowledge: Latin American Environmental History	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.	History	Upper Div	16	15
HIS 159	Women & Gender in Latin American History	Roles of women and men in the history of Latin America, with an emphasis on the intersection of gender with racial and class categories. Introduction to the theoretical premises of women's and gender history.	History	Upper Div	5	/
HIS 161	Human Rights in Latin America	History of the origins, denial and protection of Human Rights in Latin America. Emphasis on dictatorships, political violence, social resistance, democracy, justice, accountability, truth commissions, memory.	History	Upper Div	16	/
HIS 171C	Reconstruction, America's Second Founding	After the U.S. Civil War, from 1865 to 1876. Emphasis on end of slavery; expansion of civil rights, voting rights, and birthright citizenship; overthrow of biracial Southern governments; segregation and disfranchisement; culture of reconciliation.	History	Upper div	10	/
HIS 172	American Environmental History	American history through connections between people and nature, pre-Columbus to climate change. Native America; conquest; epidemics; extinctions; industrialization; pollution; environmentalism; climate change and global warming; ideas of nature.	History	Upper Div	4	3, 13, 15
HIS 174B	War, Prosperity, & Depression: United States, 1917-1945	America's emergence as a world power, the business culture of the 1920s, the New Deal and World War II. Emphasis on such issues as government regulation of the economy, welfare capitalism, and class, racial, ethnic, and gender conflicts.	History	Upper div	/	5, 10
HIS 174C	The United States Since World War II, 1945 to the Present	America's struggle to respond to new complexities in foreign relations, social tensions, family changes and media. Emphasis on such topics as: Cold War; anticommunist crusade; civil rights, feminist and environmentalist movement; New Left; counterculture; Vietnam; Watergate; and the moral majority.	History	Upper div	/	5, 10, 16

HIS 177B	History of Black People & American Race Relations: 1860-Present	History of black people and race relations from 1860-present. Emphasis on Civil War, Reconstruction, Segregation, Age of Accommodation, black nationalism, urbanization, civil rights, and changing ideology of race relations.	History	Upper div	10	/
HIS 178	Water in the West: Environment & Politics in America's Arid Lands	Politics and environmental consequences of water development in the arid western United States since 1848, with emphasis on California and western rivers, including the Colorado, Columbia, Missouri, and Mississippi. Irrigated settlement, the making of state and federal water law and bureaucracy, urban vs. rural competition, Native water rights, growth of irrigation technologies, groundwater overdraft, wildlife impacts. One half-day field trip required.	History	Upper Div	6	15
HIS 179	Asian American History, 1850-Present	Historical experience of people of Asian ancestry in the United States from the mid-19th century to the present. Migration, labor, community formation, race relations, women and gender, popular culture.	History	Upper Div	10	5
HIS 181	Religion in American History to 1890	American religious history from colonization through the Gilded Age. Topics include religious diversity in America; native American religion; Protestant evangelism; gender and religion; religion and bigotry; African American religion; religion in the Civil War; and religion's response to modernization.	History	Upper Div	/	10
HIS 182	Gender & Justice in American History	Intersection of gender and law in North America from the colonial period through the 20th century. Topics include witchcraft, suffrage, child custody, protective labor laws, regulation of sexuality. Analysis of legal change, trials, and cultural influences.	History	Upper Div	5	/
HIS 184	History of Sexuality in America	History of sexuality in America from pre-European through the late-20th century. Topics include birth control, marriage, sexual violence, prostitution, inter-racial relationships, heterosexuality and homosexuality, the feminist, gay, and lesbian liberation movements, AIDS, commercialization of sexuality.	History	Upper Div	10	5
HIS 188	America in the 1960s	Tumult and upheaval in American politics, culture, and society 1961-1969. Civil rights; Vietnam, the draft and the anti-war movement; rock and roll and the counterculture; modern feminism; modern conservatism; student movements; urban unrest and insurrection.	History	Upper Div	16	5
HIS 189	California History	California history from the pre-colonial period to the present including dispossession of California's Indians, political economy of the Spanish and Mexican periods, Gold Rush effects, industrialization, Hollywood, water politics, World War II, Proposition 13, and the emergence of Silicon Valley.	History	Upper Div	/	10
HIS 190A	Middle Eastern History I: The Rise of Islam, 600-1000	Middle Eastern history from the rise of Islam to the disintegration of the Abbasid Caliphate; the formative centuries of a civilization. Politics and religion, conquest and conversion, arts and sciences, Christians, Jews and Muslims, gender and sexuality, orthodoxy and heterodoxy.	History	Upper div	/	5
HIS 193A	History of the Modern Middle East, 1750-1914	State and society within the Middle East from 1750 to 1914 under pressure of the changing world economy and European imperialism. Themes: colonialism, Orientalism, intellectual renaissance, Islamic reform, state-formation, role of subaltern groups.	History	Upper div	/	10
HIS 193B	History of the Modern Middle East, From 1914	Middle East from the turn of the 20th century to the present. Themes include the legacy of imperialism, cultural renaissance, the World Wars, nationalism, Palestine/Israel, Islamic revival, gender, revolutionary movements, politics of oil and war, cultural modernism, exile and diaspora.	History	Upper div	/	5, 10, 16
HIS 195B	History of Modern Korea	History of Modern Korea, from Yi dynasty period to 1990s. Covers the political and socioeconomic changes in 19th century, modernization under Japanese colonialism, postwar economic growth and effects of the Cold War.	History	Upper div	/	8, 10
HIS 201M	Sources & General Literature of History: Middle East	Addresses various theoretical and methodological approaches to the study of the Modern Middle East. Survey Modern Middle East historiography in light of theoretical innovations such as post-Orientalism, World Systems theory, and postcolonial theory.	History	Grad	/	5, 10
HIS 201Q	Sources & General Literature of History: Cross-Cultural Women's History	Designed primarily for students preparing for higher degrees in history. Cross-Cultural Women's History.	History	Grad	5	/

HMR 001	Human Wrongs/Human Rights	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.	Unidentified	Lower Div	16	10
HMR 130	Special Topics in Human Rights	Thematic study of human rights. Topics may include contemporary or historical issues in the promotion, protection, and violation of human rights; human rights and the arts, religion, literature are possible topical areas.	Unidentified	Upper Div	16	10
HMR 131	Genocide	Comparative and critical study of the modern phenomenon of genocide from religious, ethical and historical perspectives.	Unidentified	Upper Div	16	/
HMR 132	Human Rights & the Refugee	Comparative, historical, global and theoretical study of the human rights of refugees and the concept of the refugee; analysis of refugee protection, resettlement and integration; study of United Nations, intergovernmental and non-governmental organizations and refugees.	Unidentified	Upper Div	10	16
HMR 134	Human Rights	Introduction to the interdisciplinary study of the origins, evolution, denial and protection of Human Rights.	Unidentified	Upper Div	16	10
HMR 135	Human Rights Tools For Advocacy & Practice	Practices in the field of human rights leading to improvements in people's lives; recent political developments in the global application of human rights and strategic tools used to promote the realization of human rights standards. Key international and local NGOs and their work promoting the capacities of rights holder to claim and enjoy their rights and in persuading duty bearers to fulfill their human rights obligations.	Unidentified	Upper Div	16	10
HMR 136	Human Rights in the Middle East	Study of the experience of Human Rights in the modern Middle East, with special attention to the Human Rights issues raised by events of Arab Spring; Palestine-Israel conflict; history of genocide, mass killing and totalitarianism in the region.	Unidentified	Upper Div	16	/
HMR 138	Human Rights, Gender, & Sexuality	Gender and sexuality in the context of human rights. Topics include women's participation in the public sphere, the right to change gender, the right for family privacy, and the right to marriage.	Unidentified	Upper Div	5	10
HMR 140A	Human Rights & the Popular Imagination	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 and rock & roll.	Unidentified	Upper div	16	/
HMR 140A	Human Rights & the Popular Imagination	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.	Unidentified	Upper div	16	/
HMR 140B	The Art & Politics of Memory in Latin America: Truth, Justice, & Reconciliation	Critical analysis of the dictatorships and civil conflicts that took place in Cold War Latin America. Case studies focus on the violation of human rights as well as on the political and cultural battles for truth, justice, and reconciliation that take place in the aftermath of those violations. Emphasis on how memory is constructed, in what forms, by whom, and for what purposes.	Unidentified	Upper div	16	/
HMR 140B	Art & Politics of Memory: Truth, Justice, Reconciliation & Human Rights	Critical exploration of the role of art and memory in the dictatorships, authoritarian societies, civil conflicts, and genocides of the late 20th and early 21st centuries. Case studies focus on the violation of massive human rights and political and cultural conflict for truth, justice, and reconciliation in the aftermath of those violations. Emphasis on how memory is constructed and contested by states, artists, writers, historians and different ethnic and political communities.	Unidentified	Upper div	16	/
HMR 190	Seminar	Emphasis on current scholarly debate about the methods for analyzing and comparing diverse human rights issues with the intention of integrating disciplined study of the field.	Unidentified	Upper Div	16	/
HMR 198	Directed Group Study	Group study on focused topics in human rights. May be taught abroad.	Unidentified	Upper Div	16	/
HMR 199	Special Study for Advanced Undergraduates	Opportunity for advanced undergraduate students to work with a faculty member in a focused manner on a topic or topics of human rights.	Unidentified	Upper Div	16	/
HMR 200A	History, Theory & Criticism of Human Rights	Introduces the advanced study of Human Rights and the theoretical and practical elaboration of the international Human Rights system. Seminar engages with criticism of Human Rights and develops research and teaching within disciplinary and interdisciplinary frameworks.	Unidentified	Grad	16	/

HMR 298	Group Study	Group study on focused topics in human rights. Four-unit courses may serve as electives for the Designated Emphasis in Human Rights.	Unidentified	Grad	16	/
HMR 299	Individual Study	Individual study for the designated emphasis in human rights.	Unidentified	Grad	16	/
HPH 157	Advanced Physiology of Animal/Human Disease	Centers on fundamental mechanisms and pathophysiological basis for animal and human diseases. Case-based and uses animal and human diseases to help exemplify the physiological consequences of organ dysfunction.	Human Physiology - MD	Upper Div	3	/
HRT 200A	Horticulture & Agronomy: Principles	Core course to introduce students to the principles that are of general importance in horticultural and agronomic research, including agroecology, plant developmental physiology, crop improvement, and biotechnology. Generally taken in the first year of the graduate program.	Plant Sciences	Grad	/	2
HRT 200B	Horticulture & Agronomy: Practices	Introduction to horticultural and agronomic cropping systems. Covers current applied research within agroecology, crop improvement, crop production, postharvest biology.	Plant Sciences	Grad	/	2
HYD 010	Water, Power, Society	Water resources issues. How water has been used to gain and wield socio-political power. Water resources development in California as related to current and future sustainability of water quantity and quality. Roles of science and policy in solving water problems.	Land, Air, & Water Resources	Lower Div	6	/
HYD 110	Irrigation Principles & Practices	General course for agricultural and engineering students dealing with soil and plant aspects of irrigation and drainage. Soil-water principles including water movement, plant responses to irrigation regimes, water use by crops; also irrigation systems and water quality.	Land, Air, & Water Resources	Upper Div	/	6
HYD 124	Plant-Water-Soil Relationships	Principles of plant interactions with soil and atmospheric water environments and practical applications to crop management (e.g., irrigation) and plant eco-physiology (e.g., drought).	Land, Air, & Water Resources	Upper Div	/	2, 15
HYD 145	Water Science & Design	Introduction to watershed engineering, storm water management, design of hydraulic systems. Topics include hydrological risk analysis, flood routing, design storms, open channel flow, pipes, culverts, spillways, and detention basins. Class project and field trips will apply theory to real-life problems.	Land, Air, & Water Resources	Upper Div	13	/
HYD 150	Water Law	Principles and issues of California Water Law. Types of water rights, groundwater rights and management, and protection of instream uses. Water projects, role of federal government and federal/state relations. Basic water quality acts, endangered species act, water transfers and current water issues.	Land, Air, & Water Resources	Upper Div	6	15
IAD 010	Introduction to International Agricultural Development	Theories, practices and institutions relating to agricultural development; the interaction of changing social, cultural and economic organization through successive stages of economic development; impact of new agricultural technology on underdeveloped regions.	Plant Sciences	Lower Div	2	/
IAD 103	Social Change & Agricultural Development	How social and cultural factors influence technological change in agriculture; theories of diffusion of innovations; social impact analysis and technology assessment.	Plant Sciences	Upper Div	/	2
IAD 170	Program Development for International Agriculture	Principles of leadership and management for international agricultural development. Organizations and organizational behavior, and the implications for planning and administering organizations involved in the global development effort.	Plant Sciences	Upper Div	2	/
IAD 200N	Philosophy & Practice of Agricultural Development	Introduces key elements of philosophy and practice of agricultural development in less developed countries; major paradigms of development; historical context within which these paradigms operate; various development techniques and initiatives emerging from agricultural production to institutional capacity building and management.	Plant Sciences	Grad	2	/
IAD 201	Economics of Small Farms & Farming Systems	Economic perspective on small farm development. Establishes a basis for predicting farmers' responses to changes in the economic environment, and for proposing government policies to increase small farm production and improve farmer and national welfare.	Plant Sciences	Grad	2	/
IAD 202N	Analysis & Determinants of Farming Systems	Unifying concepts of cropping systems in temperate and tropical climatic zones; agroecosystems stability, diversity and sustainability; management strategies, resource use efficiency and their interactions; role of animals, their impact on energy use efficiency, nutrient cycling, and providing food and power.	Plant Sciences	Grad	2	/
IAD 290	Seminar in International Agricultural Development	Discussion and critical evaluation of advanced topics and issues in international agricultural development.	Plant Sciences	Grad	2	/

IDI 141	Infectious Diseases of Humans	Integrates information on biological and molecular nature of the causative organism, modern diagnostics, treatment and prevention strategies, and the role of infectious diseases in contemporary society and throughout human history.	Internal Medicine - MD	Upper Div	3	/
IMD 164	Practicum in Community Health Clinic: Bayanihan Clinic	Through active participation in the medical aspects of community health clinics, the undergraduate student gains knowledge of the organization, administration, and problem-solving capabilities.	Internal Medicine - MD	Upper Div	3	/
IMD 194	Practicum in Community Health Clinics	The undergraduate student, through active participation in the medical aspects of community health clinics, gains knowledge of the organization, administration, and problem-solving capabilities of these primary care facilities.	Internal Medicine - MD	Upper Div	3	/
IMM 293	Current Concepts in Immunology	Innate and acquired immunity as defense mechanisms against disease. Mechanisms regulating the distinct cell types driving these responses and current concepts in the literature.	Anat, Physio & Cell Biol - VM	Grad	/	3
IMM 297	Mucosal Immunology	Basic concepts and current research topics in the field of mucosal immunology, with an emphasis on human immunology. Major emphases include innate and adaptive mucosal immunity, the gastrointestinal tract, the lung, lymphocyte trafficking, and mucosal vaccination.	Anat, Physio & Cell Biol - VM	Grad	/	3
IRE 104	The Political Economy of International Migration	Analysis of worldwide migration patterns, and social scientific theories of international and transnational migration. Focus in economical, political, and social impact of immigration and potential for international and regional cooperation.	Political Science	Upper Div	10	8
ITA 108S	Contemporary Issues in Italian Culture & Society	Analysis of cultural issues in contemporary Italy; myth and reality of imagined Italies; Italian identities; immigration and race relations; the media and popular culture. May be taught abroad & in English.	French & Italian	Upper div	/	10
ITA 108	Contemporary Issues in Italian Culture & Society	Analysis of cultural issues in contemporary Italy: Myth and reality of imagined Italies, Italian identities; immigration and race relations; the media and popular culture. Taught in English.	French & Italian	Upper Div	/	10
ITA 145S	Special Topics in Italian Literature	Study of special topics and themes in Italian literature, such as comic literature, epic poetry, pre-20th-century theater, fascism, futurism, women and literature, the image of America, etc. May be taught abroad.	French & Italian	Upper div	/	4
ITA 145	Special Topics in Italian Literature	Study of special topics and themes in Italian literature, such as comic literature, epic poetry, pre-20th-century theater, fascism, futurism, women and literature, and the image of America, etc.	French & Italian	Upper Div	/	4
JPN 106	Japanese Culture Through Film	Aspects of Japanese culture such as love, sexuality, war, the military, the family, the position of women, growing up and death as portrayed in Japanese cinema. Lectures, discussion, and readings in English. Films with English subtitles.	East Asian Lang and Cultures	Upper Div	/	5, 16
JPN 154	Tourism & Heritage in Japan	Focus on related concepts of tourism and cultural heritage within Japan, with attention to questions of tradition, authenticity and nostalgia. Examination of cultural heritage sites on various scales, including built environment, national cultural forms, and local performances such as festivals.	East Asian Lang and Cultures	Upper Div	11	/
JPN 154	Tourism & Heritage in Japan	Focus on related concepts of tourism and cultural heritage within Japan, with attention to questions of tradition, authenticity and nostalgia. Examination of cultural heritage sites on various scales, including built environment, national cultural forms, and local performances such as festivals.	East Asian Lang and Cultures	Upper Div	11	/
JPN 157	Japanese Women Writers	Survey of women writers from earliest times to the present. Genres include poetry, narrative fiction, diaries, short stories, novels, and film. Representative authors include Murasaki Shikibu, Sei Shōnagon, Higuchi Ichiyo, Enchi Fumiko and Ogawa Yōko. Readings and discussion in English.	East Asian Lang and Cultures	Upper Div	5	/
JPN 159	The "Other" in Modern Japanese Literature & Culture	Modern Japanese literature and culture from the late 19th century to the present with focus on the concept of the "Other;" those seen as minorities (race, ethnicity, sexuality) or somehow different from mainstream society. Lectures, readings and discussions in English.	East Asian Lang and Cultures	Upper Div	10	/
LAW 200A	U.S. Legal System Seminar (LL.M.)	History and fundamental principles of the United States legal system. Important current legal issues, developments and trends. Required for LL.M. students who have not attended a U.S. law school. Fall semester only.	Law	Grad	16	/
LAW 200	Introduction to Law	Introduction to basic concepts of the law, the historical roots of common law and equity, the precedent system in its practical operation, the modes of reasoning used by courts and attorneys, and the fundamentals of statutory interpretation.	Law	Grad	16	/

LAW 201	Property	Study of doctrines and concepts of property law with primary emphasis on real property. Coverage includes: the estates in land system; the landlord-tenant relationship, conveyancing, and private and public land use control.	Law	Grad	16	/
LAW 204	Torts	Familiarizes students with legal rules, concepts and approaches pertinent to the recovery for personal injuries, property damages and harm done to intangible interests.	Law	Grad	16	/
LAW 205	Constitutional Law I	Principles, doctrines and controversies regarding the basic structure of and division of powers in American government. Specific topics include judicial review, jurisdiction, standing to sue, federalism, federal and state powers and immunities, and the separation of powers among the branches of the federal government.	Law	Grad	/	16
LAW 206	Criminal Law	Study of the bases and limits of criminal liability. Coverage of the constitutional, statutory, and case law rules which define, limit, and provide defenses to individual liability for the major criminal offenses.	Law	Grad	16	/
LAW 208G	U.S. Legal Methods A (LL.M.)	Designed to provide foreign and other students with background skills necessary to succeed in both law school and legal practice.	Law	Grad	/	4
LAW 209G	Privacy, Technology, & the Law	Seminar evaluates the privacy law issues that arise from technological advancements and data trade transactions. Likely topics that the course will cover include the Internet of Things and legal responses to privacy related problems, such as the European General Data Protection Regulation and the California Consumer Privacy Act of 2018.	Law	Grad	/	16
LAW 210B	Sociology of Criminal Procedure	What are the expectations and roles of the police in a democratic society? We need order maintenance and crime control, but to assume these tasks the police sometimes intrude upon interests considered fundamental to free societies.	Law	Grad	16	/
LAW 210B	Law of Policing	What are the expectations and roles of the police in a democratic society? We need order maintenance and crime control, but to assume these tasks the police sometimes intrude upon interests considered fundamental to free societies.	Law	Grad	16	/
LAW 210D	Comparative Criminal Justice	Explores ways political units in different countries attempt to maintain social order and advance criminal justice. Examine people, policies, and institutions responsible for adjudicating alleged criminal law violations around the globe, learning how rules of professional responsibility and legal ethics guide the behavior of institutional actors who participate in criminal processes. Engage in research, formal presentations, and produce a publishable final paper.	Law	Grad	16	/
LAW 210D	Comparative Criminal Justice	Explores ways political units in different countries attempt to maintain social order and advance criminal justice. Examine people, policies, and institutions responsible for adjudicating alleged criminal law violations around the globe, learning how rules of professional responsibility and legal ethics guide the behavior of institutional actors who participate in criminal processes. Engage in research, formal presentations, and produce a publishable final paper.	Law	Grad	16	/
LAW 210ET	Race, Mass Incarceration & Policing	Key issues in the historical development and the current state of modern American imprisonment, policing structures, and the criminal justice system in relation to race.	Law	Grad	16	/
LAW 210ET	Race, Mass Incarceration & Policing	Explores key issues in the historical development and the current state of modern American imprisonment, policing structures, and the criminal justice system in relation to race.	Law	Grad	16	/
LAW 210F	Restorative Justice	Explore both the theory and practice of restorative justice as an alternative approach to the retributive justice model of our current criminal law system and many other institutions.	Law	Grad	16	/
LAW 210FA	Aoki Center Restorative Justice Practicum I	Part one of a two-part practicum. Learn about restorative justice principles and practices, receive training in restorative justice facilitation, and participate in and lead restorative justice circles in Davis & Sacramento schools, Yolo County Juvenile Hall, and other venues.	Law	Grad	16	/
LAW 210FB	Aoki Center Restorative Justice Practicum II	Part two of a two-part practicum. Learn the principles and practices of restorative justice, receive training in restorative justice facilitation, participate in & conduct restorative justice circles with young people in Davis & Sacramento schools and the Yolo County Juvenile Hall.	Law	Grad	16	/

LAW 210G	Aoki Center Restorative Justice Practicum	Learn about restorative justice principles and practices, receive training in restorative justice facilitation, and participate in and lead restorative justice circles in Davis & Sacramento schools, Yolo County Juvenile Hall, and other venues.	Law	Grad	16	/
LAW 210J	Best Practices for Justice Seminar: Advocates Working to Improve the Criminal Justice System	The Criminal Justice System continues to evolve as perceptions regarding judges, police officers and criminal attorneys change. Analyzes how our sense of justice is formed and what it looks like in the actual practice of criminal law.	Law	Grad	16	/
LAW 210K	Sexual Assaults in the Criminal Justice System	Focuses on the criminal prosecution and defense of sexual assaults, from reporting to sentencing, through examination of pertinent criminal statutes, evidence code sections, jury instructions, court documents and specific case studies.	Law	Grad	16	5
LAW 210M	Criminal Justice in the Era of Prison Downsizing	Learn about how different parts of the criminal justice system work and to consider practical solutions to addressing crime in a context where the emphasis on incarceration is declining.	Law	Grad	16	/
LAW 210N	Aoki Sentence Reduction Clinic	Assist the Yolo County District Attorney's Office in evaluating prisoners for early release. Review records, make presentations to prosecutors, and potentially file motions asking judges to reduce sentences. Study the principles of sentencing.	Law	Grad	16	/
LAW 210N	Aoki Sentence Reduction Practicum	Assist the Yolo County District Attorney's Office in evaluating prisoners for early release. Review records, make presentations to prosecutors and potentially file motions asking judges to reduce sentences. Study the principles of sentencing.	Law	Grad	16	/
LAW 210N	Aoki Criminal Justice Practicum	Work on criminal justice projects for prosecutors' offices, including individual cases involving excessive sentences and miscarriages of justice, and criminal justice policy reforms designed to reduce mass incarceration and advance racial justice.	Law	Grad	16	/
LAW 210N	Aoki Conviction & Sentence Integrity Practicum	Work on criminal justice projects for prosecutors' offices, including individual cases involving excessive sentences and miscarriages of justice, and criminal justice policy reforms designed to reduce mass incarceration and advance racial justice.	Law	Grad	16	/
LAW 210Q	Advanced Aoki Criminal Justice Practicum	Students who completed one semester of the Criminal Justice Practicum will work on claims of innocence, wrongful conviction, and other miscarriages of justice. Students will draft papers for prosecutors' offices, will make formal internal presentations, and possibly appear in court.	Law	Grad	16	/
LAW 211B	International Business Negotiations	Structured around a simulated negotiation exercise with students from a similar class at Stanford Law School. Experience the development of a business transaction over an extended negotiation in a context that replicates actual legal practice.	Law	Grad	/	17
LAW 214A	Migration, Work, & Taxation	Explores workers' and prospective workers' choices to move from one place to another, both across and within national borders. In particular, explores how tax policy and broader economic forces shape those choices.	Law	Grad	/	8
LAW 217	Insurance Law	Covers the following topics: I. Insurance Law and Society, II. The Impact of Insurance, III. Contract Law Foundations, IV. First-Party Insurance, V. Liability Insurance: Coverage Issues, VI. Liability Insurance: Relationship Issues.	Law	Grad	/	8
LAW 218F	Implicit Bias & the Law: Modern Forms of Discrimination	Provides an opportunity to analyze modern forms of discrimination, learn about cutting edge developments in this area, and explore effective ways to address these issues through the law.	Law	Grad	10	16
LAW 219	Evidence	Covers rules regarding the admissibility of proof during civil and criminal cases, including rules governing relevancy, hearsay, the examination and impeachment of witnesses, expert opinion, and constitutional & statutory privileges.	Law	Grad	16	/
LAW 219	Evidence	Covers rules regarding the admissibility of proof during civil and criminal cases, including rules governing relevancy, hearsay, the examination and impeachment of witnesses, expert opinion, and constitutional and statutory privileges.	Law	Grad	16	/
LAW 219	Evidence	Covers rules regarding the admissibility of proof during civil and criminal cases, including rules governing relevancy, hearsay, the examination and impeachment of witnesses, expert opinion, and constitutional & statutory privileges.	Law	Grad	16	/
LAW 219	Evidence	Covers rules regarding the admissibility of proof during civil and criminal cases, including rules governing relevancy, hearsay, the examination and impeachment of witnesses, expert opinion, and constitutional & statutory privileges.	Law	Grad	16	/

LAW 219	Evidence	Covers rules regarding the admissibility of proof during civil & criminal cases, including rules governing relevancy, hearsay, the examination & impeachment of witnesses, expert opinion, and constitutional & statutory privileges.	Law	Grad	16	/
LAW 219	Evidence	Covers rules regarding the admissibility of proof during civil & criminal cases, including rules governing relevancy, hearsay, the examination & impeachment of witnesses, expert opinion, and constitutional & statutory privileges.	Law	Grad	16	/
LAW 220B	Tax & Distributive Justice	Advanced tax course designed as an introduction to issues of tax policy, with particular emphasis on tax distribution (i.e., who or what should pay taxes in society) and tax incidence (i.e., who or what ends up paying taxes in society).	Law	Grad	10	/
LAW 222	Critical Race Theory Seminar	Examines race relations and racial discrimination in America through the perspectives of proponents of the Critical Race Theory (CRT) movement, a collection of legal scholars who challenge both conservative and liberal political orthodoxies.	Law	Grad	10	/
LAW 222	Critical Race Theory Seminar	Examines race relations and racial discrimination in America through the perspectives of proponents of the Critical Race Theory (CRT) movement, a collection of legal scholars who challenge both conservative and liberal political orthodoxies.	Law	Grad	10	/
LAW 226	Disability Rights Law	Examines disability law and theory. Devoted to the Americans with Disabilities Act (particularly Titles I, II, and III) as it applies to employment, education, public accommodations, and government services and programs.	Law	Grad	10	/
LAW 227A	Crimiminal Procedure	Federal constitutional limits on government authority to gather evidence and investigate crime. Topics include Fourth Amendment limits on search, seizure, and arrest; the Fifth Amendment privilege against self-incrimination; and the Sixth Amendment right to counsel.	Law	Grad	16	/
LAW 227A	Criminal Procedure	Federal constitutional limits on government authority to gather evidence and investigate crime. Topics include Fourth Amendment limits on search, seizure, and arrest; the Fifth Amendment privilege against self-incrimination; and the Sixth Amendment right to counsel.	Law	Grad	16	/
LAW 228	Business Planning and Drafting	Introduces students to a number of legal and business considerations relevant to forming and operating an emerging growth business (such as technology startup).	Law	Grad	8	/
LAW 228	Startups & Venture Capital	Introduction to the various legal and business considerations involved in forming and operating an emerging growth business.	Law	Grad	8	/
LAW 230B	Sustainability Law	Covers research and practice of "environmental law" to show it is too narrow to adequately address 21st century needs. "Environmental law" often emphasizes public governance interventions without addressing pollution reducing opportunities that lay with private environmental governance. Explores how the legal profession can accelerate progress in addressing the climate crisis by expanding the study of "environmental law" into the broader and more applicable "sustainability law".	Law	Grad	16	13
LAW 230C	California Environmental Cases & Places	Focuses on a four-day trip to world-class teaching locations throughout California. Approaches the locations from two distinctly different perspectives: law and environmental science. Learn hands-on water, environmental, and public lands law.	Law	Grad	16	6, 15
LAW 230C	California Environmental Cases & Places	Focuses on a four-day trip to world-class teaching locations throughout California. Approaches the locations from two distinctly different perspectives: law and environmental science. Learn hands-on water, environmental, and public lands law.	Law	Grad	16	6, 15
LAW 230	International Environmental Law	Elective Course for Environmental Law Certificate Program. May satisfy Advanced Writing Requirement with professor's permission. Provides an overview of the structure and basic principles of international environmental law and policy.	Law	Grad	16	13, 15
LAW 231A	Sexual Orientation, Gender Identity, & the Law	Examines the legal and social regulation of sexual orientation and gender identity.	Law	Grad	10	16
LAW 231A	Sexual Orientation, Gender Identity, & the Law	Examines the legal and social regulation of sexual orientation and gender identity.	Law	Grad	10	16
LAW 231A	Gender, Sexuality, & the Law	Examines the legal and social regulation of sexual orientation and gender identity.	Law	Grad	10	16

LAW 231B	Military Justice and Social Change: Race, Gender, and SOGI	The U.S. military has laws tailored to the mission. As society changes, these laws can limit or promote change. Explore race, gender, and LGBTQ identity through military law and analyze where the military promoted and hindered change.	Law	Grad	10	5
LAW 233B	A Comparative Study of Forced Migration	Compares the Central American and Venezuelan forced migration phenomena in the Americas through the lens of history, politics, law, and morality. Considers the push and pull factors of forced migration from each nation and attempt to contextualize these factors within a broader understanding of history and modern politics.	Law	Grad	10	/
LAW 233B	A Comparative Study of Forced Migration	Compares the Central American and Venezuelan forced migration phenomena in the Americas through the lens of history, politics, law, and morality. Considers the push and pull factors of forced migration from each nation and attempt to contextualize these factors within a broader understanding of history and modern politics.	Law	Grad	10	/
LAW 233	Asylum & Refugee Law	Surveys U.S. and international law concerning refugees and asylum-seekers. Questions the meaning of persecution, the definition of "particular social groups" in U.S. law, protections for gender-related violence, statutory bars to asylum, and U.S. refugee policy.	Law	Grad	10	5
LAW 235	Administrative Law	Examines how the U.S. Constitution and the federal Administrative Procedure Act constrain and regulate decision making by government agencies and officials.	Law	Grad	16	/
LAW 241B	Election Law: Campaign Finance, Political Speech, & Rights of Political Association	Investigate constitutional and statutory frameworks that channel and regulate the efforts of individuals, corporate & nonprofits, and political groups to convey their ideas to the electorate, to mobilize voter turnout, and to get their preferred candidates on the ballot and elected to office. Examine the legal status of contributions and expenditures of money and other goods. Consider political groups' "internal" affairs, the selection of nominees, and the ballot.	Law	Grad	16	/
LAW 241	Voting Rights Seminar	Seminar investigates the right to vote as a matter of constitutional and statutory law, with emphasis on the voting rights of racial and ethnic minorities.	Law	Grad	16	10
LAW 241	Voting Rights Seminar	Seminar explores the right to vote under the U.S. Constitution.	Law	Grad	16	10
LAW 245A	Corporate Responsibility: Case Studies in (Un)Ethical Leadership	Explores corporate responsibility and leadership through case studies of contemporary scandals. Reviews business forms and the consequences of an institution failing to comply with legal & ethical duties to employees, shareholders, and the public.	Law	Grad	16	/
LAW 245C	White Collar Investigations & Prosecutions	Explore a fictional white-collar crime, learning how to establish probable cause through cooperative witnesses; search warrants, the utilization of informants, and indemnity agreements will be analyzed. Learn about indictments, complaints, laws surrounding arrests, bail hearings, evidentiary suppression motions, and grand jury indictments.	Law	Grad	16	/
LAW 245	Corporate & White Collar Crime	Covers the law of conspiracy, corporate criminal liability, mail & wire fraud, the Hobbs Act, RICO, money laundering, obstruction of justice, and other white collar crimes and their associated defenses.	Law	Grad	16	/
LAW 246	Federal Jurisdiction	Study of subject-matter jurisdiction of federal courts.	Law	Grad	/	16
LAW 248B	International Human Rights	Introduces international human rights legal system through an examination of its historical origins and precursors and a review of its international legal backdrop, including the character and sources of international law, the UN Charter and the UN system.	Law	Grad	16	/
LAW 248CA	United Nations Human Rights Practicum I	Opportunity to work in support of the mandate of the United Nations Special Rapporteur in the field of cultural rights.	Law	Grad	16	10
LAW 248CB	United Nations Human Rights Practicum II	Build on the knowledge of the workings of the United Nations human rights system they gained in Practicum I, and gain further advanced experience working with UN documents, with individual cases in the field and with thematic reports.	Law	Grad	16	10
LAW 249A	First Gen Experience in Scholarly & Popular Literature	Provides an opportunity for students who are first in their family to go to college, or first in their family to go to law school, to reflect on their own educational journeys and to see how their trajectory of formal education is similar to and/or different from the journeys of famous First Gen lawyers, e.g., Barack Obama and Sonia Sotomayor. Principles of memoir writing used to guide student writing.	Law	Grad	4	/

LAW 251	Labor Law	Survey of the legislative, administrative, and judicial regulation of labor relations under federal law. Historical development of labor law, the scope of national legislation, unions, strikes, picketing, and collective bargaining agreements.	Law	Grad	8	/
LAW 252A	Introduction to Criminal Litigation; Pre-Trial	Utilizes experiential learning techniques to teach advocacy skills during the life of a criminal case and simulates critical stages of the proceedings by conducting mock hearings throughout the semester.	Law	Grad	16	/
LAW 252	International Litigation & Arbitration	Current developments in international law, conflict of laws, civil procedure, arbitration, and comparative law in the context of transactions and disputes that cut across national boundaries.	Law	Grad	16	/
LAW 253A	Community Lawyering	Study the need for community lawyering including the structural inequalities and privileges embedded in the legal system and society. Skills necessary for community lawyering as well as sites and models for practice will be examined.	Law	Grad	10	16
LAW 253B	International Public Interest Law & Advocacy	Simulation course introduction to the applied legal and policy skills necessary to become effective lawyers and advocates in the international public interest/nongovernmental organization community.	Law	Grad	16	/
LAW 253	Policy Advocacy	In-depth examination of the legislative process both within the California Legislature and from the advocates' perspective. Train in key policy advocacy skills by legislative leaders and social justice advocates.	Law	Grad	16	/
LAW 254A	White Working Class & the Law	Considers the social, cultural, economic, and legal situation of low-income and/or low-education whites in contemporary U.S. society.	Law	Grad	10	1, 4
LAW 254A	Law & Rural Livelihoods	Seminar considers rural manifestations of various legal, social and economic issues. Survey various subfields of legal study; e.g., criminal justice, poverty, environment and land use, local government, family, constitutional, agricultural, access to justice, as they relate to the rural-urban continuum. Debate rurality as an aspect of identity and consider its intersections with race, gender, sexuality, (dis)ability and other identity variables.	Law	Grad	4	1, 5, 10, 15, 16
LAW 254B	Access to Justice	Study of a variety of barriers that impede the access of unrepresented litigants to the courts—including poverty, racial bias, limited English proficiency and the digital divide—and critically examine existing solutions. Opportunity to develop and propose student's own solution to an access barrier.	Law	Grad	16	10
LAW 256	Land Use	Local agencies, developers, environmental interest groups, and others who regularly deal with the administrative and legislative applications of land use planning and development laws. Topics include zoning, general plans, local government land use regulation, and related areas of litigation. Expanding role of the California Environmental Quality Act.	Law	Grad	11	/
LAW 257C	Applied Statutory Interpretation: California's Housing-Framework Legislation	Theory and practice of statutory interpretation, taught using California statutes that address local barriers to housing supply. Writing intensive.	Law	Grad	11	/
LAW 257D	Legislative Drafting	Legislative Drafting at UC Davis School of Law provides practical experience in researching, analyzing, and drafting legislative measures in the State of California, including bills, resolutions, and constitutional amendments. Skills-based course to obtain training in drafting and amending legislative measures.	Law	Grad	/	16
LAW 257	Legislative Process	Fundamental elements of the legislative process, including legislative procedure; the legislature as an institution; lobbying; statutory interpretation, legislative-executive relations; and the legislature's constitutional powers and limitations.	Law	Grad	/	16
LAW 258D	Starting & Managing a Small Law Practice	Using real practice examples, in this discussion/simulation-based course learn how to open and successfully run a small law practice. Included topics: structure and organization, office set-up, billing, fees, time management, client handling, overseeing office staff, trust accounting, and ethical rules.	Law	Grad	/	16
LAW 258	Professional Responsibility	The ABA's Model Rules of Professional Conduct and the Code of Judicial Conduct, which are tested on the MPRE, and the California Rules of Professional Conduct, which are tested on the California Bar Examination.	Law	Grad	16	/
LAW 258	Professional Responsibility	The ABA's Model Rules of Professional Conduct and the Code of Judicial Conduct, which are tested on the MPRE, and the California Rules of Professional Conduct, which are tested on the California Bar Examination.	Law	Grad	16	/

LAW 259B	Women's Human Rights	Overview of international legal and institutional system for the protection of women's human rights from an academic perspective and the view of the practitioner. Includes the (CEDAW), violence against women, sexual and reproductive rights, economic rights, and more.	Law	Grad	5	/
LAW 260A	Employment Law	Provides an overview of employment law, labor law and employment discrimination law and aims to serve as a foundation for understanding the law and policy (statutory and common law) that surround the employer-employee relationship.	Law	Grad	8	/
LAW 260	Employment Discrimination	Examine federal laws prohibiting employment discrimination, including Title VII of the Civil Rights Act of 1964, the Equal Pay Act, the Age Discrimination in Employment Act, the Americans with Disabilities Act, the Rehabilitation Act of 1973, and § 1981.	Law	Grad	8	10
LAW 261	Judicial Process	Examines a variety of issues concerning the judicial process. Focus is on judge's role in the legal process, the administration of justice, ethical issues, decision making, bias, and critical examination of the strengths and weaknesses in our current judicial system.	Law	Grad	16	10
LAW 264A	Ocean & Coastal Law	Introduction to the goals and challenges of coastal and ocean policy; the complicated web of public and private interests in coastal lands and ocean waters; regulation of coastal development; domestic and international fisheries management; and preservation of ocean resources.	Law	Grad	6	/
LAW 264	Water Law	Property rights in surface waters, including riparian rights, prior appropriation, and public rights use of water bodies; environmental constraints on exercise of water rights; groundwater rights and management; federal allocation and control of water resources; legal aspects of interstate allocation.	Law	Grad	6	/
LAW 265	Natural Resources Law Seminar	In-depth coverage of two foundational principles of natural resources law: public trust doctrine and private property rights protected under the Takings Clause of the U.S. and many state constitutions.	Law	Grad	12	6
LAW 267C	DFEH Civil Rights Practicum	Yearlong practicum (4-7 units/semester) has (1) weekly two-hour in-class lectures and case review, and (2) student participation in DFEH investigations (fall) and mediations (spring). Gain experience analyzing and applying the Fair Employment and Housing Act (FEHA).	Law	Grad	10	8, 11
LAW 267	Civil Rights Law	Civil remedies for civil rights violations under the primary United States civil rights statute. Specifically, covers actions for constitutional and statutory violations under 42 USC §1983, affirmative defenses, and abstention doctrines.	Law	Grad	10	/
LAW 269B	Consumer Protection & Financial Regulation	Examines efforts to ensure a "fair" financial marketplace, focusing on the 2010 Dodd-Frank Act and its creation of the Consumer Financial Protection Bureau and regimes enacted to protect consumers.	Law	Grad	10	/
LAW 269F	Fintech Innovation & Financial Inclusion	Focuses on fintech innovation and financial inclusion. Explores how fintech is transforming traditional financial services and providing new opportunities and challenges for financial inclusion.	Law	Grad	1	9, 10
LAW 273A	Education Policy & the Law	Topics include civil rights, inequality and the "right" to an education, bilingual education, school finance litigation, educational access, No Child Left Behind Act, Common Core Standards and charter schools. For students interested in educational policy and social regulatory policy.	Law	Grad	4	10
LAW 273B	Special Education Law & Policy	Introduction to the law of special education including the Individuals with Disabilities in Education Act (IDEA), Section 504 of the Rehabilitation Act, and federal regulations governing special education law.	Law	Grad	4	10
LAW 274A	International Intellectual Property & Development	Examines international trade law, national customs law, intermediary liability rules, claims for rights in traditional knowledge and genetic resources, protections for geographical indications, technology transfer, and intellectual property piracy.	Law	Grad	/	1, 3, 15, 17
LAW 274B	Trade Secrets	Examines effects of a burgeoning intellectual property regime on cultural conflict and formation.	Law	Grad	/	10
LAW 274J	Current Controversies in Intellectual Property Law	Examine controversial topics in intellectual property law and policy across a wide range of issues, from technology to the arts, to social justice, in their national and international dimensions.	Law	Grad	/	9, 10

LAW 275B	Federal Courts for Civil Rights Litigators	Tackles the complex strategic questions facing civil rights litigators. Evaluated cases include Floyd v. City of New York, Dukes v. Wal-Mart, and others. includes guest speakers involved in these cases.	Law	Grad	10	/
LAW 276A	Child Welfare & the Law	Focuses on the welfare and legal rights of children, especially the most at risk in society, including those in foster care and victims of crime and civil torts. Learn the substantive law of juvenile dependency and the special duties of lawyers representing children in dependency and civil cases, as well as child witnesses in criminal cases.	Law	Grad	16	/
LAW 276	Juvenile Justice Process	Legal and philosophical bases of a separate juvenile justice process for crimes committed by minors. The role of counsel at each phase of the process is examined.	Law	Grad	16	/
LAW 277A	Tribal Justice	Examines the administration of justice within tribal governments and courts and the efforts of advocates to achieve justice for tribes through litigation, policy advocacy, public education, organizing, and inter-governmental collaboration.	Law	Grad	10	/
LAW 277	Federal Indian Law	Focuses on legal relations between Native American tribes and the federal and state governments.	Law	Grad	10	6, 15, 16
LAW 281	State & Local Government Law	Topics include: federalism, relations between states & localities, governmental liability, zoning, educational equity, and public finance. Readings drawn not only from case law and statutes, but from history, theory and public policy.	Law	Grad	/	4
LAW 281	State and Local Government Law	Topics include: federalism, relations between states and localities, governmental liability, zoning, educational equity, and public finance. Readings will be drawn not only from case law and statutes, but from history, theory and public policy.	Law	Grad	/	4
LAW 281	State & Local Government Law	Topics include: federalism, relations between states & localities, governmental liability, zoning, educational equity, and public finance. Readings drawn not only from case law and statutes, but from history, theory and public policy.	Law	Grad	/	4
LAW 282	Energy Law Seminar	The history, law, and public policy of energy regulation in the United States with an emphasis on economic and environmental regulation. Competitive restructuring of the natural gas and electric utility industries emphasized. The basic regulatory schemes for other energy sources such as hydroelectric power, coal, oil, and nuclear power explored. Recommended to anyone who has an interest in the energy sector, various models of economic regulation, or regulated industries.	Law	Grad	7	/
LAW 285A	California Environmental Issues	The "Nation-state" of California has for many years been a national and global leader in environmental law and policy. Survey of key California environmental law and policy issues.	Law	Grad	16	6, 7, 13, 15
LAW 285B	Environmental Practice	Examines underlying theory and practice in securing compliance with our major environmental laws.	Law	Grad	16	/
LAW 285B	Environmental Practice	Examines underlying theory and practice in securing compliance with our major environmental laws.	Law	Grad	16	/
LAW 285C	Food & Agricultural Law	Introduction to agricultural law, focusing on legal principles and issues at the forefront of contemporary debates about agriculture in society.	Law	Grad	2	8
LAW 285C	Food Systems Law & the Environment	Explores the various legal structures surrounding the governance of our food system; we will cover environmental regulation (or lack thereof), food safety laws, trade laws, and labor laws.	Law	Grad	2	8
LAW 285D	Farmworkers & the Law	Provides an overview of California and federal laws impacting farmworkers and how such laws have been applied to regulate working conditions in agriculture.	Law	Grad	8	/
LAW 285E	Climate Change Law & Policy	Addresses the legal and public policy dimensions of climate change, perhaps the most important environmental issue of our time.	Law	Grad	13	3, 6, 7, 14
LAW 285F	Environmental Justice	Introduction to the field of environmental justice.	Law	Grad	16	10, 13
LAW 285	Environmental Law	Introduction to environmental law, focusing primarily on federal law.	Law	Grad	16	3, 6, 12, 15
LAW 286B	Public Health Law	Public health law, seen broadly, is the government's power and responsibility to ensure the conditions for the population's health.	Law	Grad	3	16
LAW 286C	Bioethics	Examines the ethical and legal issues that arise from biomedical research and use of medical technologies.	Law	Grad	3	5
LAW 286E	Reproductive Rights, Law, & Policy	Addresses a variety of laws and practices that affect reproductive health and procreative decision making.	Law	Grad	5	3

LAW 286E	Reproductive Rights, Law, & Policy	Addresses a variety of laws and practices that affect reproductive health and procreative decision making.	Law	Grad	5	3
LAW 286	Health Care Law	Addresses legal issues raised in general areas: access to health care and health care financing. Course materials and discussion focus on both public and private aspects of these issue areas.	Law	Grad	3	/
LAW 287A	Poverty Law	Explore the theory and practice of law pertaining to the enactment and enforcement of laws regulating or aiding the poor and other disadvantaged persons.	Law	Grad	1	/
LAW 287T	Law & Society Seminar	Study of law and society challenges traditional legal scholarship by exploring multiple ways in which law both shapes and is shaped by societies and social interactions. Seminar introduction to important literature and debates in the field.	Law	Grad	16	10
LAW 287	Public Land Law	Legal aspects of federal land management, including the history of public land law, the scope of federal and state authority over the federal lands, and the allocation of public land resources among competing uses.	Law	Grad	15	/
LAW 288A	Presidential Powers Seminar	Explores the Constitutional powers of the President in Article II and how they intersect with Congressional power. Emphasis on executive and legislative power, executive orders, appointment and removal powers, executive privilege and immunity, pardons, impeachment, Congressional investigations, independent and special counsels, and the 25th Amendment.	Law	Grad	/	16
LAW 288B	Supreme Court Simulation Seminar	Take on the role of Justices of, and advocates before, the Supreme Court of the United States.	Law	Grad	16	/
LAW 288C	National Security Law	Examines the allocation of national security powers among the three branches of government, and the laws & policies that govern military operations, the collection & use of intelligence, homeland security, and other current national security issues.	Law	Grad	16	/
LAW 288C	National Security Law	Examines the allocation of national security powers among the three branches of government, and the laws & policies that govern military operations, the collection & use of intelligence, homeland security, and other current national security issues.	Law	Grad	16	/
LAW 288CS	National Security Law: Crisis Simulation Seminar	Explore Constitutional allocation of national security powers among three branches of government, and the vital role lawyers play in national security decision-making. Conduct deep dives on national security law case studies.	Law	Grad	16	/
LAW 290T	International Trade Law	Review existing landscape of trade regulation from the World Trade Organizations, to regional organizations such as NAFTA, ASEAN, and the European Union.	Law	Grad	17	/
LAW 292B	Immigration Crimes	Every year, tens of thousands of people are charged with immigration-related crimes in the federal court system; almost all of the people prosecuted in these cases come from Spanish-speaking countries to the south of the United States. Examine the history of such immigration-related prosecutions, explores how they are currently conducted, and looks in particular at the streamlined proceedings that happen in districts along the southern border.	Law	Grad	10	/
LAW 292C	Humanizing Deportation	Focus on student's investigation, research, interviewing and client counseling skills. Review the stories in the UC Humanizing Deportation archive, research possible forms of immigration relief for deported individuals, and identify possible candidates for legal screening. After in-depth training, students travel to Tijuana, Mexico to provide know-your-rights and educational workshops with deported individuals.	Law	Grad	10	/
LAW 292	Immigration Law & Procedure	Surveys the history of U.S. immigration law and policy.	Law	Grad	10	/
LAW 293B	Representing Spanish-Speaking Clients: Language, Culture, & Emotional Intelligence	Goal is to prepare future attorneys to effectively represent Spanish-speaking clients through various key tools, including litigation tools, language, culture, and emotional intelligence.	Law	Grad	16	/
LAW 293	Public Interest Law	This class will examine the issues and problems associated with providing civil legal services to persons and interests in American society that typically have been unable to afford or otherwise obtain representation from the private bar.	Law	Grad	16	/
LAW 296D	Art Law	Selected issues in Art Law, including meaning of art, how to represent artists, copyright, publicity, first amendment rights, censorship, street art, government regulation, art markets, international protection of art and cultural property; and more.	Law	Grad	/	16

LAW 296D	Art Law	Selected issues in Art Law, including meaning of art, how to represent artists, copyright, publicity, first amendment rights, censorship, street art, government regulation, art markets, international protection of art and cultural property; and more.	Law	Grad	/	16
LDA 001	Introduction to Environmental Design	Introduction to the role of design professionals in contributing to the built environment at a range of scales. Introduction to basic methods used by design professionals to evaluate, design, plan, and manage landscapes and the built environment.	Human Ecology	Lower Div	11	/
LDA 001	Introduction to Environmental Design	Introduction to the role of design professionals in contributing to the built environment at a range of scales. Introduction to basic methods used by design professionals to evaluate, design, plan, and manage landscapes and the built environment.	Human Ecology	Lower Div	11	/
LDA 002	Place, Culture & Community	Introduction to recognizing and reading cultural landscapes, and the application of cultural landscape meaning to the creation of contemporary built environments. Topics include patterns and influences relating to agriculture, military, transportation, housing, wilderness, recreation and tourism.	Human Ecology	Lower Div	/	11, 15
LDA 002	Place, Culture & Community	Social dimensions of landscapes and everyday environments, including concepts of place, culture and community. Urban and rural environments including wilderness, parks, sacred space, agricultural sites, workplaces, transportation networks, housing, recreation, and military sites. Application of course concepts and methods for interpreting cultural landscapes through archival and field research.	Human Ecology	Lower Div	/	10, 11, 15
LDA 003	Sustainable Development: Theory & Practice	Origins, theoretical perspectives, and practical applications of the concept of sustainable development across scales (site, building, neighborhood, city, region, and nation) through lectures, sketch exercises, student projects, walking tours.	Human Ecology	Lower Div	4	11
LDA 030	History of Environmental Design	History of Environmental Design across disciplines, including landscape architecture, planning, community and urban design.	Human Ecology	Lower Div	11	/
LDA 030	History of Environmental Design	History of Environmental Design across disciplines, including landscape architecture, architecture, planning, and urban design.	Human Ecology	Lower Div	11	/
LDA 050	Site Ecology	Introduction to ecological concepts, including nutrient dynamics, population regulation, community structure, ecosystem function. Principles will be applied to human activities such as biological conservation, ecological restoration, landscape planning, and management. Weekly lab devoted to field exercises in local ecosystems.	Human Ecology	Lower Div	/	15
LDA 140	Green Building, Design, & Materials	Sustainable design and construction techniques at site and building scales. Emphasizes real-world case studies, analysis of opportunities for actual sites, and application of LEED and Sustainable Sites green rating systems.	Human Ecology	Upper Div	11	/
LDA 141	Community Participation & Design	Introduction to community participation and design. Incorporates social and cultural factors, public and community processes, theories and practices related to human-environment behavior; community involvement in design, social analysis, community engagement, accessibility, diversity and politics of place.	Human Ecology	Upper Div	/	11
LDA 141	Community Participation & Design	Introduction to community participation and design. Incorporates social and cultural factors, public and community processes, theories and practices related to human-environment behavior; community involvement in design, social analysis, community engagement, accessibility, diversity and politics of place.	Human Ecology	Upper Div	/	11
LDA 142	Applying Sustainable Strategies	Capstone class examines case studies and techniques of sustainable development. Student teams will develop detailed proposals for real-world sites.	Human Ecology	Upper Div	11	/
LDA 171	Urban Design & Planning Studio	Studio designing large-scale landscapes at regional, sub-regional, and neighborhood scales. Focuses on understanding complex social, economic, and environmental factors, developing sustainability priorities and strategies, and applying them through design and policy.	Human Ecology	Upper Div	11	/
LDA 201	Theory & Philosophy of the Designed Environment	Examines the major theories of environmental design. Epistemology of design serves as framework to examine modern landscape architecture, architecture, urban design and planning. Normative theories of design are reviewed along with the social and environmental sciences.	Human Ecology	Grad	/	11

LDA 216	Food & the City	Exploration of theory and practice related to the design and planning of alternative and resilient food systems, including urban agriculture, agrihoods, and agri-/rural tourism. Includes investigation of urban-rural connections and case-studies of regional urban agriculture projects.	Human Ecology	Grad	2	11
LDA 280	Landscape Conservation	Focus is on land planning, design, and management techniques to further the goal of resource preservation. Examines current critical theory in the establishment and management of conservation areas.	Human Ecology	Grad	12	15
LIN 003	Language & the Body	Perspectives on the role of language in issues about bodies. Language-related disabilities. Social implications of language use in discussing body-related conditions.	Linguistics	Lower Div	10	/
LIN 160	American Voices	Explores the forms of American English: traditional notions of regional dialects and increasingly important social dialects, reflecting age, class, gender, race, ethnicity, and sexual orientation. Influence of language attitudes on perception of dialect speakers; dialect in media, education, and literature.	Linguistics	Upper Div	/	5, 10
LIN 163	Language, Gender, & Society	Investigation of real and putative (stereotyped) gender-linked differences in language structure and usage, with a consideration of some social and psychological consequences of such differences. Focus is on English, but other languages are also discussed.	Linguistics	Upper Div	/	5
LIN 165	Introduction to Applied Linguistics	Applications of linguistic principles and the analysis of language-related issues in the world. Exploration of a range of language-related problems including issues related to language learning and teaching to issues concerning language and gender, race, class and the media.	Linguistics	Upper Div	/	5, 10
LIN 283	Politics of Bi & Multilingual Literacies	Anthropological, psycho-social, political, and educational perspectives on bi- and multi-lingualism. Power, colonialism, "native/non-native" speakers, and varieties and the unequal distribution of social goods. Analysis of how competing factors keep peoples disenfranchised.	Linguistics	Grad	/	10
LTS 001	First Year Engagement: Student Success in Letters & Science	Introduction to university life. Topics include transition to academic and campus life; academic expectations and the skills to meet them; campus resources; social and professional development; assistance in choice of major, and academic planning.	Letters & Science Deans Office	Lower Div	4	/
LTS 101	First Year Transfer Engagement: Student Success in Letters & Science	Integration of transfer students into university life. Comprehensive foundation for a successful career at UC Davis. Transition from community college to the university, quarter vs. semester systems, academic expectations of faculty and developing skills to meet them, overview of campus resources, evaluating and applying information, social and professional development, and academic planning.	Letters & Science Deans Office	Upper Div	4	/
MAE 218	Advanced Energy Systems	Review of options available for advanced power generation. Detailed study of basic power balances, component efficiencies, and overall powerplant performance for one advanced concept such as a fusion, magnetohydrodynamic, or solar electric powerplant.	Engineering-Mechanical & Aero	Grad	/	7
MAE 256	Sustainable Manufacturing & Design	Definitions, methods, and dimensions of sustainability in manufacturing and product design. Emphasis on resource efficiency and life cycle engineering in the context of the production environment.	Engineering-Mechanical & Aero	Grad	12	/
MAE 258	Hybrid Electric Vehicle System Theory & Design	Advanced vehicle design for fuel economy, performance, and low emissions, considering regulations, societal demands and manufacturability. Analysis and verification of computer design and control of vehicle systems in real vehicle tests. Advanced engine concepts.	Engineering-Mechanical & Aero	Grad	/	13
MCN 260	Nutrition During Pregnancy	Overview of the anatomical, physiological and biochemical changes that occur during pregnancy and early development. Discussion and evaluation of nutritional/lifestyle factors associated with pregnancy outcomes and nutrition programs/interventions for pregnant women.	Unidentified	Grad	3	3, 5
MCN 261	Lactation & Infant Nutrition	Overview of the physiological and biochemical processes underlying human lactation and nutritional needs of both mother and infant. Development of skills in assessment, nutrition counseling, education and support of new mothers and their families.	Unidentified	Grad	2	3

MCN 262	Child & Adolescent Nutrition	Relationships among nutrition, growth, and development during childhood and adolescence. Nutritional assessment for normal and high risk groups; psychological, social, and economic factors contributing to nutritional status. Nutritional needs and interventions for special groups, including obese children/adolescents, athletes, and eating disordered.	Unidentified	Grad	2	/
MCN 263	Applied Research Methods in Maternal & Child Nutrition	Application of epidemiological principles to the study of maternal and child nutrition. Topics include quantitative & qualitative study procedures, including study design, data collection, and related analytical techniques.	Unidentified	Grad	2	/
MCN 264A	Current Topics in Maternal & Child Nutrition: Principles of Adult Education	Current scientific literature related to Maternal & Child Nutrition in adult education settings. Topics include methods and theories of adult education and critical thinking skills related to research evaluation.	Unidentified	Grad	2	4
MCN 264B	Current Topics in Maternal & Child Nutrition: Epidemiology & Evidence-Based Practice	Current scientific literature related to Maternal & Child Nutrition. Topics include epidemiology, evidence-based practice, breastfeeding promotion, and nutritional assessment of populations.	Unidentified	Grad	2	/
MCN 264C	Current Topics in Maternal & Child Nutrition: Public Policy Development & Implementation	Current scientific literature related to Maternal & Child Nutrition. Topics include nutrition surveillance and monitoring, as well as public policy development and implementation.	Unidentified	Grad	2	/
MDS 099	Special Study in Medicine for Undergraduates	Participate in research projects relating to medicine with faculty in the School of Medicine.	Medical Sci-non dept courses	Lower Div	3	/
MGB 244	New & Small Business Ventures	Student teams develop complete business plans for their own start-up ventures. Process includes: elevator pitch, business strategy, comprehensive bottoms-up financial projections, capital requirements, product differentiation, competitive, alliance, and go-to-market strategy development, investor presentation, and comprehensive written business plan.	Management	Grad	/	8
MGB 251	Management of Innovation	Managing innovative enterprise in changing and uncertain environments. Covers technology forecasting and assessment, program selection and control, financial management, regulation, and ethics.	Management	Grad	9	/
MGB 255	Entrepreneurship & Venture Investment Clinic	Provides the necessary analytical and design tools to create business ideas and refine business models based on emerging technologies. Students learn to work closely in small teams to synthesize technical, strategic, and marketing needs into designs for new ventures.	Management	Grad	/	8
MGB 260	Corporate Finance	Focuses on planning, acquiring, and managing a company's financial resources. Includes discussion of financial aspects of mergers and other forms of reorganization; analysis of investment, financial, and dividend policy; and theories of optimal capital structure.	Management	Grad	/	8
MGP 244	New & Small Business Ventures	Student teams develop complete business plans for their own start-up ventures. Process includes: elevator pitch, business strategy, comprehensive bottoms-up financial projections, capital requirements, product differentiation, competitive, alliance, and go-to-market strategy development, investor presentation, and comprehensive written business plan.	Management	Grad	/	8
MGP 251	Management of Innovation	Managing innovative enterprise in changing and uncertain environments. Covers technology forecasting and assessment, program selection and control, financial management, regulation, and ethics.	Management	Grad	9	/
MGP 255	Entrepreneurship & Venture Investment Clinic	Provides the necessary analytical and design tools to create business ideas and refine business models based on emerging technologies. Students learn to work closely in small teams to synthesize technical, strategic, and marketing needs into designs for new ventures.	Management	Grad	/	8
MGP 260	Corporate Finance	Focuses on planning, acquiring, and managing a company's financial resources. Includes discussion of financial aspects of mergers and other forms of reorganization; analysis of investment, financial, and dividend policy; and theories of optimal capital structure.	Management	Grad	/	8
MGP 265	Venture Capital & the Finance of Innovation	Examines venture capital finance and the related practice of R&D finance. Goal is to apply finance tools and framework to the world of venture capital and financing of projects in high-growth industries.	Management	Grad	8	/

MGP 265	Technology Finance & Valuation	Venture capital finance and the related practice of research and development finance. Application of finance tools and framework to the world of venture capital and financing of projects in high-growth industries.	Management	Grad	8	/
MGT 160	Financing New Business Ventures	Concepts/methods used to structure and finance new business ventures. Topics include evaluating the net social (financial) benefit of new investment projects; raising venture capital; the role of the venture capitalist; and the choice of organizational structure in new ventures.	Management	Upper Div	8	/
MGT 160	Financing New Business Ventures	Concepts/methods used to structure and finance new business ventures. Topics include evaluating the net social (financial) benefit of new investment projects; raising venture capital; the role of the venture capitalist; and the choice of organizational structure in new ventures.	Management	Upper Div	8	/
MGT 202B	Business, Government, & the International Economy	Examines the influence of government and international factors on business. Topics include distribution of income, business cycles, inflation and interest rates, the federal debt, monetary policy and international trade and finance.	Management	Grad	/	1, 10, 17
MGT 244	New & Small Business Ventures	Student teams develop complete business plans for their own start-up ventures. Process includes: elevator pitch, business strategy, comprehensive bottoms-up financial projections, capital requirements, product differentiation, competitive, alliance, and go-to-market strategy development, investor presentation, and comprehensive written business plan.	Management	Grad	/	8
MGT 251	Management of Innovation	Managing innovative enterprise in changing and uncertain environments. Covers technology forecasting and assessment, program selection and control, financial management, regulation, and ethics.	Management	Grad	9	/
MGT 255	Entrepreneurship & Venture Investment Clinic	Provides the necessary analytical and design tools to create business ideas and refine business models based on emerging technologies. Students learn to work closely in small teams to synthesize technical, strategic, and marketing needs into designs for new ventures.	Management	Grad	/	8
MGT 259	Banking & the Financial System	Analyzes the role of financial markets and institutions in allocating capital. Focuses on: bank lending; debt securities; financial market innovations; regulation; functions of commercial banks and other financial intermediaries. Utilizes case studies.	Management	Grad	/	8
MGT 260	Corporate Finance	Focuses on planning, acquiring, and managing a company's financial resources. Includes discussion of financial aspects of mergers and other forms of reorganization; analysis of investment, financial, and dividend policy; and theories of optimal capital structure.	Management	Grad	/	8
MGT 265	Venture Capital & the Finance of Innovation	Examines venture capital finance and the related practice of R&D finance. Goal is to apply finance tools and framework to the world of venture capital and financing of projects in high-growth industries.	Management	Grad	8	/
MGT 265	Technology Finance & Valuation	Venture capital finance and the related practice of research and development finance. Application of finance tools and framework to the world of venture capital and financing of projects in high-growth industries.	Management	Grad	8	/
MGV 251V	Management of Innovation	Managing innovative enterprise in changing and uncertain environments. Covers technology forecasting and assessment, program selection and control, financial management, regulation, and ethics.	Management	Grad	9	/
MGV 260V	Corporate Finance	Planning, acquiring, and managing a company's financial resources. Financial aspects of mergers and other forms of reorganization; analysis of investment, financial, and dividend policy; and theories of optimal capital structure.	Management	Grad	/	8
MGV 265V	Venture Capital & the Finance of Innovation	Examines venture capital finance and the related practice of R&D finance. Goal is to apply finance tools and framework to the world of venture capital and financing of projects in high-growth industries.	Management	Grad	8	/
MGV 265V	Technology Finance & Valuation	Examines venture capital finance and the related practice of R&D finance. Goal is to apply finance tools and framework to the world of venture capital and financing of projects in high-growth industries.	Management	Grad	8	/

MHI 202	Computer-Based Patient Records	Introduction and overview of computer-based clinical record systems. Topics include data modeling, health system standards and terminologies; security, privacy and confidentiality; workflow modeling; data visualization; legal; decision support; public health; and evidence-based practice.	Medical Pathology and Lab Med	Grad	/	3
MHI 289E	Clinical Knowledge for the Health Informaticist	Basic clinical knowledge for health informatics students. Human systems, disease states and conditions, treatments and prognosis.	Medical Pathology and Lab Med	Grad	3	/
MIC 010	Natural History of Infectious Diseases	Topics in the natural history of infectious diseases principally affecting humans. Introduction to infectious microbial agents, ecology, epidemiology, and induction of disease. Focus on diseases of a contemporary nature.	Microbiology	Lower Div	3	/
MIC 172	Host-Parasite Interactions	Exploration of host-parasite interactions at multiple levels, with an emphasis on global health and medically important human parasites.	Microbiology	Upper Div	3	/
MMI 177	Human Virology	Covers viruses that cause diseases in humans, the structure and classification of medically-important viruses, methods of transmission and replication strategies. Viruses that are important human pathogens and epidemiology, immune response, detection, diagnosis and treatment of human viral infections. Discussion of clinical cases, cellular pathology, cancer and emerging and reemerging human viral diseases including Coronaviruses, vaccines, antivirals, and use of viruses in medicine.	Medical Microbiology - MD	Upper Div	3	/
MMI 210A	Critical Analysis of Contemporary Research on Animal Models of Human Infectious Disease	Topics will include diverse vertebrate and invertebrate models of human infectious diseases.	Medical Microbiology - MD	Grad	/	3
MMI 210B	Comparative Analysis of Animal Models of Human Infectious Diseases	Compares the major vertebrate and invertebrate animal models that are used most commonly to study human infectious disease, including mouse, non-human primate, Caenorhabditis elegans, and drosophila.	Medical Microbiology - MD	Grad	/	3
MPM 201	Emerging Issues at the Interface of Animal, Human, & Ecosystem Health	Introduce one health topics emphasizing relationships between environmental, animal and human health. Topics include ecosystem change and impacts on animals and humans, cross-species disease transmission and approaches for addressing critical data gaps to inform ecosystem health and disease prevention.	Medicine & Epidemiology - VM	Grad	3	15
MPM 210	Advanced Health Leadership	Develop skills for effective scientific leadership, including: project management and collaboration, conflict resolution, communication with the public, dynamic distribution of health information, and evidence-based policy influence.	Medicine & Epidemiology - VM	Grad	/	16
MSA 100	Middle East & South Asia: Comparative Perspectives	Ethnographic and historical points of intersection and divergence in various aspects of the Middle East and South Asia in precolonial, colonial, and postcolonial societies. Anthropological, historical, and theoretical debates surrounding the region.	Middle East/South Asian Studies	Upper Div	/	10
MSA 180	Topics in Middle East & South Asian Studies	Comparative perspective on the Middle East and South Asia. Topics may include: modernity, religious traditions, colonialism, subalternity and social movements, gender and sexuality, history and memory, science and development, ritual and performance, public culture, diasporas.	Middle East/South Asian Studies	Upper Div	4	/
MSC 142	Military Law	The United States Constitution and the Military Justice System. Basic law of war, with an emphasis on issues that might arise on the battlefield or during a national emergency.	Military Science	Upper Div	16	/
NAS 007	Indigenous & Minority Languages	Survey of the status of indigenous, immigrant, and other minority languages in the Americas and around the world. Topics include linguistic diversity, language endangerment & revitalization, heritage language maintenance in immigrant communities, and language change due to transcultural interactions.	Native American Studies	Lower Div	/	10, 11
NAS 010	Native American Experience	Introduction to the diverse cultures of Native American peoples from North, Central, and South America. Emphasis on Native American voices in the expression of cultural views and in the experience of conflicting values.	Native American Studies	Lower Div	/	10
NAS 012	Native American/Indigenous Film	Survey and analysis of the visual colonization of Native American peoples and the contemporary responses by Native American/Indigenous filmmakers claiming visual sovereignty. Examines a range of filmic genres including documentary, features, shorts, festivals, TV and Internet screening.	Native American Studies	Lower Div	10	/

NAS 108	Indigenous Languages of California	Survey of the indigenous languages of the California region: linguistic prehistory, languages at first European contact, subsequent language loss, current efforts at language and cultural revitalization, indigenous languages of recent immigrants to California.	Native American Studies	Upper Div	/	10, 11
NAS 115	Native Americans in the Contemporary World	Important issues facing Native Americans in the contemporary world. Focus primarily on the diverse ways of life, histories and realities of indigenous people throughout the Americas as they develop their own cultural and political institutions.	Native American Studies	Upper Div	10	16
NAS 121	Corporate Colonialism	Price of progress and modernity for native and non-native people. History of the corporation and neoliberalism, military and intelligence agencies, debt, Taylorism, education institutions, media, and law. Discussion of alternatives advocated by contemporary and indigenous social movements.	Native American Studies	Upper Div	10	/
NAS 123	Native Foods & Farming of the Americas	Crop domestication, agrobiodiversity, and cuisines of the Americas. Cultural and social history of native American foods like maize, potatoes, quinoa, chocolate, peppers, beans, avocados, etc. Discussion of socio-economic, environmental, legal challenges facing indigenous and peasant farmers today.	Native American Studies	Upper Div	2	/
NAS 133B	Ethnohistory of Native Peoples of Mexico & Central America 1500 to 2000	Ethnohistory of indigenous peoples of Mexico and Central America from 1500 to contemporary times. Focus on social and cultural dynamics, particularly the role of indigenous people in the process of nation-state building in Mexico and Central America.	Native American Studies	Upper div	10	/
NAS 157	Native American Religion & Philosophy	Religious and philosophical traditions of Native American/indigenous peoples of the Americas.	Native American Studies	Upper Div	/	10, 11
NAS 161	California Indian Environmental Policy I	Contemporary California Indian environmental policy issues, with a focus on water, minerals, contamination, and alliance-building. Issues will be placed within historical and political context, drawing on theories of Native environmental ethics, environmental justice, and Federal Indian law.	Native American Studies	Upper Div	16	6, 7, 12, 14
NAS 165	Keepers of the Flame: Native American Cultural Burning & Land Stewardship in California	Use of fire by California Indian tribes to maintain ecosystems that sustain their economic, cultural, and spiritual well being. Guests include Native American cultural practitioners and prescribed fire professionals.	Native American Studies	Upper Div	15	/
NAS 180	Native American Women	Native American women's life experiences, cross-cultural comparisons of gender roles, and Native women's contemporary feminist thought. Utilizes texts from literature, social science, and autobiography/biography.	Native American Studies	Upper Div	5	/
NAS 207	Leadership Skills & Strategies in California Language Documentation & Revitalization	Introduction to the indigenous languages of the Americas, with a focus on California; an examination of how contemporary Native communities document and revitalize their heritage languages. Learn to assist and administer language programs.	Native American Studies	Grad	/	11
NAS 212	Community Development for Sovereignty & Autonomy	Examines a sample of contemporary indigenous communities from south, central and north America with the goal of understanding and evaluating the strategies adopted by Native American communities to develop and implement forms of sovereignty or autonomous self-management.	Native American Studies	Grad	16	10
NAS 220	Colonialism, Neoliberalism, & Indigenous Self-Determination	History, political economy and legacies of imperial/colonial systems. Continuities and discontinuities with corporate globalization and neoliberalism. Focus on resistance and self-determination of indigenous peoples, but with comparison to other groups.	Native American Studies	Grad	16	10
NAS 257	Indigenous Religious Traditions in the Americas	Religious/spiritual traditions, belief-systems, and world-views of Native American/indigenous peoples in the Americas. Land, ecological knowledge, sacred sites, the role of tricksters, language (revitalization), gender, ethics of representation, cultural revitalization, renewed ancient knowledge and practices, ceremonial (and daily) performance of the sacred, music, the arts, the worlds of the sacred, the rules of the sacred, freedom of religion.	Native American Studies	Grad	/	15
NEM 100	General Plant Nematology	An introduction to the classification, morphology, biology, and control of the nematodes attacking cultivated crops.	Entomology and Nematology	Upper Div	/	2
NEM 100	Plant Nematology	Plant-parasitic nematodes. Cellular, biochemical, and molecular aspects of plant-nematode interaction.	Entomology and Nematology	Upper Div	/	2
NPB 012	The Human Brain & Disease	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.	Neurobiology, Physio & Behav	Lower Div	3	/

NPB 068	Biology of Drug Addiction & Abuse	Broad examination of addictive substances and their use/abuse. Topics include historical perspective, physiological effects, etiology, neurobiology of addiction and the impact of drugs on contemporary society. Intended for non-science majors.	Neurobiology, Physio & Behavr	Lower Div	3	/
NPB 116	Stress Physiology in Health & Disease	Adaptive and maladaptive physiological responses to acute and chronic stress in mammals, with emphasis on humans. Role of endocrine and autonomic nervous system in stress response. Prenatal and postnatal effects of stress on cognitive and affective development. Wellness interventions.	Neurobiology, Physio & Behavr	Upper Div	/	3
NPB 134	General Immunology for Physiologists	Immunology for undergrads interested in physiology aimed at understanding the physiological role of immune responses. Illustrated with examples of human diseases including diabetes, allergies and asthma, and emerging diseases such as Ebola and Zika.	Neurobiology, Physio & Behavr	Upper Div	3	/
NRS 201	Health Status & Care Systems	Comparative health status data, major current health issues globally, nationally, regionally. Theoretical perspectives on social, political, economic determinants of health. Health-care systems examined, linked to data, and evaluated in regards to outcomes. Aging, rural, ethnic minority populations highlighted.	Nursing	Grad	3	10
NRS 202	Implementation Science	Change processes in health care from political, historic, economic and sociologic frameworks. Historic and current examples of transformative change in the health-care system. Skills for system transformation through health policy, practice, research and education are emphasized.	Nursing	Grad	3	/
NRS 203	Leadership in Health Care	Critical examination of leadership from a variety of theoretical and philosophical perspectives and focuses on specific challenges in health care and leadership at various levels, e.g., patient, organizational, and policy levels.	Nursing	Grad	3	/
NRS 204	Research Skills for Nursing Science & Health-Care Leadership	Foundation for analyzing research, health, and systems data to answer clinical, systems, or policy questions. Use and examine multiple sources of data and information as a basis for planned change and transformation in health care.	Nursing	Grad	/	3
NRS 212	Technology & Innovations in Health Care	Multidisciplinary approach to stimulate new thinking in the practice, process, and delivery of health care. Focus on improving overall health outcomes.	Nursing	Grad	3	/
NRS 220	Social, Cultural, & Behavioral Determinants of Health	Effects of globalization, political systems, local and global economies, culture, race, class, gender, and sexuality on population health.	Nursing	Grad	3	5, 10
NRS 221	Biophysical Concepts in Nursing	Pathophysiological processes that contribute to different disease states across the lifespan; case studies; selective clinical decisions using current, reliable sources of pathophysiology information.	Nursing	Grad	/	3
NRS 222A	Research Quality Improvement & Evidence Based Practice	Introduction to providing safe, competent and compassionate care in a highly technical and digital environment. Emphasis on safety, quality and research to clinical practice. Accessing and analyzing reliable sources of evidence for integration in care-plan.	Nursing	Grad	3	/
NRS 222B	Research Quality Improvement & Evidence Based Practice	Introduction to providing safe, competent and compassionate care in a highly technical and digital environment. Emphasis on safety, quality and research to clinical practice. Accessing and analyzing reliable sources of evidence for integration in care-plan.	Nursing	Grad	3	/
NRS 223	Quality & Safety Education in Health Care	Implementing best practices alongside technological tools and focusing on continuous quality improvement. Emphasis on providing safe, competent care in a highly technical and digital environment. Building capacity to apply concepts related to safety, quality and research to clinical practice.	Nursing	Grad	3	/
NRS 224	Developing Future Nurse Leaders	Develop skills around effective decision making, fiscal and environmental stewardship, initiating and maintaining effective working relationships, using mutually respectful communication and collaboration, care coordination, delegation and supervision. Emphasis on conflict resolution, leadership and interprofessional teamwork.	Nursing	Grad	/	15
NRS 225	Professional Nursing Role Formation	Transition from nursing student to professional nurse. Focus on ethical comportment, professional values of social justice, autonomy, advocacy, altruism, human dignity, and integrity. Students must pass a mastery exit examination and complete a capstone project.	Nursing	Grad	3	/
NRS 242A	Implementation Science for Clinicians	Focuses on identification of relevant research or improvement questions specific to patient care and evaluating the pertinent research literature related to the implementation of evidence based care. First of a three-course series.	Nursing	Grad	3	/

NRS 242C	Implementation Science for Clinicians	Advanced skills in application of implementation science into systems based practice and incorporating quality improvement and patient safety knowledge with particular focus on prevention of medical errors.	Nursing	Grad	3	/
NRS 243C	Leadership in Professional Practice	Expands upon the leadership role as it relates to their clinical practice and professional role. Professional role topics including: transitioning from student to practicing professional, scope of practice, the physician relationship, and more advanced concepts in ethics.	Nursing	Grad	/	3
NRS 251A	Primary Health Care	Introduction to primary health care concepts essential to the care of common medical problems seen in primary care settings. Module content will focus on various organ systems and specialty areas.	Nursing	Grad	3	/
NRS 251B	Foundations of Primary Health Care	Introduction to primary health care concepts essential to the care of common medical problems seen in primary care settings.	Nursing	Grad	3	/
NRS 251C	Primary Health Care	Introduction to primary health care concepts essential to the care of common medical problems seen in primary care settings.	Nursing	Grad	3	/
NRS 251D	Primary Health Care	Introduction to primary health care concepts essential to the care of common medical problems seen in primary care settings.	Nursing	Grad	3	/
NRS 260	Foundations of Behavioral Health	Focuses on the spectrum of normal psychological development over the lifespan for children, adults and elders. Theories of stress and coping mechanism are presented as a framework for the assessment of individuals.	Nursing	Grad	/	3
NRS 298	Special Topics in Nursing Science & Health-Care Leadership	In-depth study of topics in Nursing Science and Health-Care Leadership, selected from: policy and politics in health care, health-care disparities, current issues in health care, approaches to the conduct of science, or other related areas, with year to year variation.	Nursing	Grad	3	/
NUB 210C	Advanced Nutrition III: Nutrition in Health & Disease	Integration of biochemical, physiological, and genetic aspects of nutrition in the context of clinical and epidemiological observations related to health and disease, including obesity and diabetes, cancer, vascular and neurodegenerative diseases, osteoporosis, and birth defects. Review and consideration of governmental.	Unidentified	Grad	3	2
NUT 010V	Discoveries & Concepts in Nutrition	Nutrition as a science; historical development of nutrition concepts; properties of nutrients and foods.	Nutrition	Lower div	2	/
NUT 010	Discoveries & Concepts in Nutrition	Nutrition as a science; historical development of nutrition concepts; properties of nutrients and foods.	Nutrition	Lower Div	2	/
NUT 011	Current Topics & Controversies in Nutrition	Exploration of current applications and controversies in nutrition. Read scientific journal articles and write summaries, as well as give brief oral presentations. Topics change to reflect current interests and issues.	Nutrition	Lower Div	2	/
NUT 105	Nutrition & Aging	Role of nutrition in the aging process from both an organismal/cell perspective, including demographics, theories of aging, nutrition and evolution, nutritional manipulation and life-span extension, and nutrition's impact on the diseases of aging.	Nutrition	Upper Div	2	/
NUT 105	Nutrition through the Life Cycle	Unique nutrient needs of people in different stages of the life cycle, including pregnant and lactating women, infants, children, adolescents, adults and the elderly. Physiological changes and conditions that influence nutrient needs, factors that influence food choices and appropriate dietary recommendations, and recent research are discussed.	Nutrition	Upper Div	2	5
NUT 111AY	Introduction to Nutrition & Metabolism	Introduction to metabolism of protein, fat and carbohydrate: the biological role of vitamins and minerals; nutrient requirements during the life cycle; assessment of dietary intake and nutritional status.	Nutrition	Upper div	2	3
NUT 111B	Recommendations & Standards for Human Nutrition	Critical analysis of the development of nutritional recommendations for humans. Topics include: history of modern recommendations, development of the Recommended Dietary Allowance (RDA) and other food guides; the Dietary Reference Intakes (DRI); administrative structure of regulatory agencies pertinent to nutrition recommendations; introduction to scientific methods used to determine the recommendations; food labeling laws; nutrition recommendations in other countries and cultures.	Nutrition	Upper div	2	/
NUT 112	Nutritional Assessment	Methods of human nutritional assessment, including dietary, anthropometric, biochemical methods. Principles of precision, accuracy, and interpretation of results for individuals and populations.	Nutrition	Upper Div	2	/

NUT 113	Principles of Epidemiology in Nutrition	Introduction to epidemiology as it relates to the field of nutrition, including study design, principles of epidemiologic inference, criteria for causality, and interpreting measures of disease risk.	Nutrition	Upper Div	3	2
NUT 114	Developmental Nutrition	Role of nutritional factors in embryonic and postnatal development.	Nutrition	Upper Div	2	/
NUT 114	Developmental Nutrition	Role of nutritional factors in embryonic and postnatal development.	Nutrition	Upper Div	2	/
NUT 116AL	Clinical Nutrition Practicum	Fundamental principles of planning and evaluating therapeutic diets and patient education for pathological conditions covered in 116A.	Nutrition	Upper div	2	/
NUT 116BL	Clinical Nutrition Practicum	Fundamental principles of planning and evaluating therapeutic diets and patient education for pathological conditions covered in NUT 116B. Continuation of NUT 116AL.	Nutrition	Upper div	2	/
NUT 117	Experimental Nutrition	Methods of assessing nutritional status. Application of chemical, microbiological, chromatographic and enzymatic techniques to current problems in nutrition.	Nutrition	Upper Div	/	2
NUT 118	Community Nutrition	Nutrition problems in contemporary communities and of selected target groups in the United States and in developing countries. Nutrition programs and policy, principles of nutrition education.	Nutrition	Upper Div	2	/
NUT 119A	International, Community-Based Nutritional Assessment	Issues and problems related to community-based nutritional assessment in a low-income country, major nutritional problems in low-income countries; ethical issues in human investigation; survey design, data collection techniques, and data analysis; preparation for international travel; cross-cultural communication, health, and safety while living abroad.	Nutrition	Upper div	2	/
NUT 119A	Global Nutrition	Global prevalence, etiology, and consequences of nutrition problems, ranging from under nutrition and food insecurity to overweight and associated chronic diseases; underlying social, environmental, and behavioral factors that contribute to malnutrition; strategies to improve nutritional status, with emphasis on low- and middle-income countries.	Nutrition	Upper div	2	10
NUT 129	Journalistic Practicum in Nutrition	Critical analysis and discussion of current, controversial issues in nutrition; use of journalistic techniques to interpret scientific findings for the lay public. Students required to write several articles for campus media.	Nutrition	Upper Div	2	/
NUT 130	Experiments in Nutrition: Design & Execution	Experiments in current nutritional problems. Experimental design: students choose project and, independently or in groups of two-three, design a protocol, complete the project, and report findings.	Nutrition	Upper Div	2	/
NUT 190	Proseminar in Nutrition	Discussion of human nutrition problems. Each term will involve a different emphasis among experimental, clinical, and dietetic problems of community, national and international scope.	Nutrition	Upper Div	2	/
NUT 219A	International Nutrition	Epidemiology, etiology, and consequences of undernutrition, with particular focus on the nutritional problems of children and women in low income populations.	Nutrition	Grad	2	5
NUT 219B	International Nutrition	Intervention programs to prevent or ameliorate nutritional problems in low-income populations. Planning, implementing, and evaluating nutrition intervention programs.	Nutrition	Grad	2	/
NUT 251	Nutrition & Immunity	Cellular and molecular mechanisms underlying interactions of nutrition and immune function, including modulation of immunocompetence by diet and effects of immune responses on nutritional needs. Lectures and discussion explore implications for resistance to infection, autoimmunity and cancer.	Nutrition	Grad	/	2, 3
NUT 252	Nutrition & Development	Relationship of nutrition to prenatal and early postnatal development.	Nutrition	Grad	2	3
NUT 290	Beginning Nutrition Seminar	Discussion and critical evaluation of topics in nutrition with emphasis on literature review and evaluation in this field. Students give oral presentations on relevant topics.	Nutrition	Grad	/	2
NUT 291	Advanced Nutrition Seminar	Advanced topics in nutrition research. Multiple sections may be taken concurrently for credit.	Nutrition	Grad	/	2
OBG 194	Shifa Clinic Student Volunteer	Attend clinic every third Sunday performing duties of receptionist, intake, translation, monitor. Students attend a meeting immediately after end of clinic. There is a mandatory Monday meeting with Clinic co-directors. Students are expected to participate on various committees.	Obstetrics & Gynecology - MD	Upper Div	3	/
PHA 205	Problem Solving in Pharmacology	Introduction to a current biomedical problem that would benefit from a developing drug and will develop an experimental strategy for addressing the issue. Develop model systems for testing various classic and recent pharmacological approaches.	Pharmacology & Toxicology - MD	Grad	3	/

PHA 208	Advanced Cardiac Physiology & Pharmacology	Detailed characterization of the mechanisms involved in cardiac excitation–contraction coupling, alterations that occur in heart disease and pharmacological interventions. Topics include cardiac contractile apparatus, action potential, Ca cycling, excitation–transcription coupling, cardiac inotropy, heart failure and arrhythmias.	Pharmacology & Toxicology - MD	Grad	3	/
PHE 040	Drugs & Society	Pharmacology, methods of use, and effects of use of psychoactive and performance-enhancing drugs. Historical overview of drug use. Identification of behavior of at-risk and user populations.	Physical Education	Lower Div	/	3
PHE 044	Principles of Healthful Living	Application of scientific and empirical knowledge to personal, family, and community health problems.	Physical Education	Lower Div	3	/
PHI 007Y	Philosophical Perspectives on Sexuality	Philosophical issues related to sexuality, including, but not limited to, ethical and social issues regarding sexual practice, orientation, classification and identity.	Philosophy	Lower div	/	10
PHI 014	Ethical & Social Problems in Contemporary Society	Philosophical issues and positions involved in contemporary moral and social problems. Possible topics include civil disobedience and revolution, racial and sex discrimination, environment, population control, technology and human values, sexual morality, freedom in society.	Philosophy	Lower Div	4	/
PHI 115	Problems in Normative Ethics	Moral philosophy studied through examination of moral problems and the moral principles and common sense intuitions that bear on them. Problems discussed may include: animal rights, fetal rights, euthanasia, justice and health care, war, nuclear deterrence, world hunger, environmental protection.	Philosophy	Upper Div	4	/
PHI 119	Philosophy of Law	Philosophical theories of the nature of law, legal obligation, the relation of law and morals. Problems for law involving liberty and justice: freedom of expression, privacy, rights, discrimination and fairness, responsibility, and punishment.	Philosophy	Upper Div	16	10
PHI 120	Environmental Ethics	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.	Philosophy	Upper Div	15	13
PHI 121	Bioethics	In-depth coverage of topics in bioethics including resource allocation, measures of health and disease/disability, public health, and ethical issues related to research on human subjects and emerging technologies.	Philosophy	Upper Div	3	/
PHI 220	Environmental Ethics	Intensive treatment of one or more topic(s) in environmental ethics, such as biodiversity, sustainability, composition of the moral community, invasive species, endangered species, applications of ethical theories to contemporary environmental issues.	Philosophy	Grad	15	4
PHR 210	Epidemiological Approaches to Waterborne Zoonotic Pathogens	Waterborne zoonotic diseases remain a significant cause of human illness. Review key waterborne pathogens; their biology, fate and transport in aquatic systems; on-farm management practices for reducing microbial contamination of California's fresh and marine aquatic resources from livestock production systems.	Population Hlth & Reprod - VM	Grad	3	6, 14
PHR 243	Advanced Topics in Conservation Genetics	In-depth study of topics related to the application of genetic tools to wildlife conservation. Topics will vary annually, but may include use of non-invasive methods of genetic assessment and monitoring of wildlife populations. Students will lead discussions on assigned readings.	Population Hlth & Reprod - VM	Grad	15	/
PLB 143	Evolution of Crop Plants	Origins of crops and agriculture, including main methodological approaches, centers of crop biodiversity, dispersal of crops, genetic and physiological differences between crops and their wild progenitors, agriculture practiced by other organisms, and role and ownership of crop biodiversity.	Plant Biology	Upper Div	/	2
PLP 100	Biology of Plant Pathogens	Behavior, pathology, ecology, and evolution of plant pathogens with global impact on food security and environmental health. Bacteria, fungi, viruses, and other pathogens that infect plants.	Plant Pathology	Upper Div	/	2, 15
PLP 120	Introduction to Plant Pathology	The nature, cause, and control of plant diseases.	Plant Pathology	Upper Div	/	2, 15
PLP 140	Agricultural Biotechnology & Public Policy	Examination of the development and deployment of agricultural biotechnologies, particularly transgenic crop plants, microorganisms and animals, with consideration of conventional agriculture, public perceptions of technologies, food safety, environmental impact, public policies and regulations.	Plant Pathology	Upper Div	/	2

PLP 201A	Impacts, Mechanisms & Control of Plant Disease	Case-studies approach to analysis of plant diseases caused by bacteria, fungi, oomycetes, and viruses, including impacts, etiology, pathogen taxonomy and epidemiology, biochemical and genetic aspects of pathogen-host interactions, virulence and resistance, and approaches to disease control.	Plant Pathology	Grad	/	2, 15
PLP 201B	Impacts, Mechanisms & Control of Plant Disease	Case-studies approach to analysis of plant diseases, including emerging diseases, caused by bacteria, fungi, nematodes, and oomycetes: impacts, etiology, pathogen taxonomy, epidemiology, biochemical and genetic aspects of pathogen-host interactions, virulence, resistance, disease control and statistical analysis.	Plant Pathology	Grad	/	2, 15
PLP 205A	Diseases of Vegetable & Field Crops	Clinical study of diseases of vegetable and field crops with emphasis on etiology, epidemiology, diagnosis, and control. Field trips required.	Plant Pathology	Grad	/	2
PLP 228	Plant Bacteriology	Study of plant pathogenic microorganisms including taxonomy, biology, molecular mechanisms of disease, and plant disease management. Topics include quorum sensing, rhizosphere biology, genomics, virulence factors, and host plant resistance genes.	Plant Pathology	Grad	/	2, 15
PLP 230	Plant Virology	Viruses as causal agents of plant disease and as tools for manipulating plants; structures of virus particles; mechanisms of transmission, replication, and spread in the plant; cytology and molecular biology in susceptible and resistant reactions to virus infection; virus disease control.	Plant Pathology	Grad	/	2, 15
PLS 001	Agriculture, Nature & Society	Multiple perspectives and connections between natural sciences, social sciences, and agriculture. Emphasizes agriculture's central position between nature and society and its key role in our search for a productive, lasting and hospitable environment. Several full-period field trips provide hands-on learning.	Plant Sciences	Lower Div	/	2
PLS 007V	Just Coffee: The Biology, Ecology & Socioeconomic Impacts of the World's Favorite Drink	Coffee used as a case study to examine biological, ecological and social factors influencing sustainability of farming systems and how food production systems impact human well-being.	Plant Sciences	Lower div	2	/
PLS 012	Plants & Society	Dependence of human societies on plant and plant products. Plants as resources for food, fiber, health, enjoyment and environmental services. Sustainable uses of plants for food production, raw materials, bioenergy, and environmental conservation. Global population growth and future food supplies.	Plant Sciences	Lower Div	12	2, 15
PLS 015	Introduction to Sustainable Agriculture	Multidisciplinary introduction to agricultural sustainability with a natural sciences emphasis. Sustainability concepts and perspectives. Agricultural evolution, history, resources and functions. Diverse agricultural systems and practices and their relative sustainability. Laboratories provide direct experience with selected agricultural practices and systems.	Plant Sciences	Lower Div	2	/
PLS 049	Organic Crop Production Practices	Principles and practices of organic production of annual crops. Including organic crops, soil, and pest management, cover cropping, composting, seeding, transplanting, irrigation, harvesting and marketing.	Plant Sciences	Lower Div	2	/
PLS 100B	Growth & Yield of Cultivated Plants	Principles of the cellular mechanisms and hormonal regulation underlying plant growth, development, and reproduction. Emphasis on how these processes contribute to the harvestable yield of cultivated plants and can be managed to increase crop productivity and quality.	Plant Sciences	Upper div	/	2
PLS 100BL	Growth & Yield of Cultivated Plants Laboratory	Laboratory exercises in plant growth and development and their regulation, including photomorphogenesis, plant growth regulators, plant anatomy, seed germination, fruit ripening and senescence. Includes field trips to illustrate relationships to cropping and marketing systems.	Plant Sciences	Upper div	/	2
PLS 101	Agriculture & the Environment	Focus on the interaction between agriculture and the environment to address the principles required to analyze conflict and develop solutions to complex problems facing society.	Plant Sciences	Upper Div	2	6, 13, 15
PLS 105	Concepts in Pest Management	Introduction to the ecological principles of integrated pest management, biology of different classes of pests and the types of losses they cause, population assessment, evaluation of advantages and disadvantages of different techniques used for pest management, IPM programs.	Plant Sciences	Upper Div	2	/
PLS 110	Crop Management Systems for Vegetable Production	Horticultural principles applied to production and management systems for vegetable crops. Laboratory and discussion illustrate efficient field management and resource use practices.	Plant Sciences	Upper Div	2	12

PLS 111	Principles of Agronomic Crop Production Systems	Principles, practices and technologies of agronomic cropping systems, including crop systematics, physiology, agroecology, equipment, and management. Cropping systems analysis and integration of economic and ecological decision-making considerations involved in crop production. One weekend field trip required.	Plant Sciences	Upper Div /	2
PLS 112	Forage Crop Production	Forages as a world resource in food production. Ecological principles governing the adaptation, establishment, growth and management of perennial and annual forages, including pastures, rangelands and hay; aspects of forage quality which affect feeding value to livestock.	Plant Sciences	Upper Div /	2
PLS 130	Rangelands: Ecology, Conservation & Restoration	Introduction to the ecological principles and processes important for an understanding of the dynamics of range ecosystems. Emphasis on ecological and evolutionary concepts underlying management strategies for conserving biological diversity and environmental quality in rangelands.	Plant Sciences	Upper Div 15	/
PLS 130	Grassland Ecology	Comprehensive survey of grassland ecology including distributions of major grassland types; systematics; morphology, physiology, and diversity of grassland species; population, community, and ecosystem processes occurring in grasslands; the role of grazing, fire, and drought in grasslands; management and conservation.	Plant Sciences	Upper Div /	15
PLS 147	California Plant Communities	Ecology, distribution, and species of California's plant communities. Environmental forces that determine these communities, the threats they face, and their conservation and restoration opportunities.	Plant Sciences	Upper Div /	15
PLS 150	Sustainability & Agroecosystem Management	Interdisciplinary analysis of agricultural production and food systems with primary emphasis on biophysical processes. General concepts governing the functioning of temperate and tropical agroecosystems in relation to resource availability, ecological sustainability, and socio-economic viability. Comparative ecological analyses of agroecosystems.	Plant Sciences	Upper Div 2	/
PLS 162	Urban Ecology	Application of fundamental concepts and approaches in landscape and ecosystem ecology to urban ecosystems. Ecological and social drivers and responses. Landscape heterogeneity, nutrient dynamics, invasive species, altered hydrology and climate, and pollution. Discussion of primary literature.	Plant Sciences	Upper Div /	11, 13, 15
PLS 163	Ecosystem & Landscape Ecology	Integration of concepts to understand and manage ecosystems in a complex and changing world. Emphasis on interactions among biotic, abiotic and human factors and changes over space/time. Local to global controls over water, carbon and nutrients across ecosystems/landscapes.	Plant Sciences	Upper Div /	15
PLS 163	Ecosystem & Landscape Ecology	Integration of concepts to understand and manage ecosystems in a complex and changing world. Emphasis on interactions among biotic, abiotic & human factors and changes over space/time. Local to global controls over water, carbon and nutrients across ecosystems/landscapes.	Plant Sciences	Upper Div /	15
PLS 164	Practicum in Ecological Restoration	Hands-on field exposure to various aspects of ecological restoration throughout the seasonal restoration cycle with real-world practitioners. Emphasis on grassland/rangeland, riparian, and oak woodland communities.	Plant Sciences	Upper Div 15	/
PLS 172	Postharvest Physiology & Technology	Overview of physiological processes related to maturation and senescence of plant products and their responses to postharvest stresses. Targeted approaches and technologies to maintain product quality and limit postharvest disorders.	Plant Sciences	Upper Div /	2
PLS 172	Biology and Quality of Harvested Crops	Overview of physiological and molecular processes related to the quality and safety of harvested crop products. Targeted approaches and technologies to improve/maintain crop quality and limit crop losses after harvest. Socioeconomic aspects of crop losses and food waste.	Plant Sciences	Upper Div /	2
PLS 174	Microbiology & Safety of Fresh Fruits & Vegetables	Overview of microorganisms on fresh produce, pre- and postharvest factors influencing risk of microbial contamination, attachment of microorganisms to produce, multiplication during postharvest handling and storage, and methods of detection. Mock outbreak trial and presentation of science-based forensic discovery.	Plant Sciences	Upper Div /	2
PLS 176	Introduction to Weed Science	Weed biology and ecology, methods of weed management, biological control, herbicides and herbicide resistance. Weed control in managed and natural ecosystems; invasive species. Laws and regulations. Application of herbicides. Sight and software-assisted identification of common weeds.	Plant Sciences	Upper Div 15	/

PLS 190	Seminar on Alternatives in Agriculture	Seminar on topics related to alternative theories, practices and systems of agriculture and the relationship of agriculture to the environment and society. Scientific, technological, social, political and economic perspectives.	Plant Sciences	Upper Div	2	/
PLS 193	Garden & Farm-Based Experiential Education Methods	Methods of teaching children and youth about fruit and vegetable production and consumption. Lesson and activity planning for garden and farm field trips. Basic biology, ecology, plant science, and crop management practices. Mentorship in experiential learning. Preparation of garden site.	Plant Sciences	Upper Div	4	/
PMI 126	Fundamentals of Immunology	Overview of immunology including components of the immune system, initiation and regulation of the immune response, infection and immunity, hypersensitivity and immune dysfunction. Clinical immunologic techniques, immunodeficiency, and vaccinology.	Pathology, Micro & Immun - VM	Upper Div	/	3
PMI 127	Medical Bacteria & Fungi	Introduction to the bacterial and mycotic pathogens of man and animals, with emphasis on pathogenic mechanisms and ecologic aspects of infectious disease.	Pathology, Micro & Immun - VM	Upper Div	/	3
PMI 127	Medical Bacteria & Fungi	Introduction to the bacterial and mycotic pathogens of man and animals, with emphasis on pathogenic mechanisms and ecologic aspects of infectious disease.	Pathology, Micro & Immun - VM	Upper Div	/	3
PMI 129Y	One Health: Human, Animal & Environment Interfaces	Introduction to fundamentals, challenges, and opportunities in One Health using local and global health case studies. Animal, human, and environmental health problems, along with tools and transdisciplinary approaches, will be introduced to foster innovative thinking that addresses complex issues.	Pathology, Micro & Immun - VM	Upper div	3	15
PMI 200	Research Foundations	Introduction to key components of graduate school success including mentor/mentee relationship issues, avoiding plagiarism, hypothesis development and experimental design, demystifying the grant writing process, understanding the NIH administrative structure, preparing for a non-academic career, and strategies to maintain a work-life balance.	Pathology, Micro & Immun - VM	Grad	4	/
PMI 200	Research Foundations	Introduction to key components of graduate school success including mentor/mentee relationship issues, avoiding plagiarism, hypothesis development and experimental design, demystifying the grant writing process, understanding the NIH administrative structure, preparing for a non-academic career, and strategies to maintain a work-life balance.	Pathology, Micro & Immun - VM	Grad	4	/
PMI 293A	Seminar in Infectious Diseases	Discussion of current topics and cases of infectious diseases.	Pathology, Micro & Immun - VM	Grad	/	3
POL 001	American National Government	Survey of American national government, including the constitutional system, political culture, parties, elections, the presidency, Congress, and the courts.	Political Science	Lower Div	/	16
POL 003	International Relations	International conflict and cooperation, including the Cold War, nuclear weapons, and new techniques for understanding international politics.	Political Science	Lower Div	/	16, 17
POL 004	Basic Concepts in Political Theory	Analysis of such concepts as the individual, community, liberty, equality, justice, and natural law as developed in the works of the major political philosophers.	Political Science	Lower Div	/	10, 16
POL 011A	America Decides: Who Will Win This Year's Election?	Survey of factors influencing presidential and congressional elections. Analysis of candidate nominations, campaign strategy, campaign finance, media coverage, and voter decision-making.	Political Science	Lower div	/	16
POL 012A	Politics & Sports	Core issues in American and world politics through the lens of sports and the athletes who play them. Introduction of American civil rights movement, the Cold War, Middle East Tensions, and democratization.	Political Science	Lower div	/	10, 16
POL 100	Local Government & Politics	Politics and government of local communities in the United States, including cities, counties and special districts. Emphasizes sources and varieties of community conflict, legislative and executive patterns, expertise, decision making and the politics of structure. Observation of local governing boards.	Political Science	Upper Div	16	/
POL 102	Urban Public Policy	Political and economic relationships among central cities, suburbs, and regional, state, and federal governments. Focuses upon policy areas such as poverty, transportation, welfare, and housing, and upon who governs and who benefits from the policies in these areas.	Political Science	Upper Div	11	1,
POL 104	California State Government & Politics	California political system. Political culture, constitution, elections and parties, direct democracy, legislature, governor, executive branch, courts, finances, state-local relations and policy issues.	Political Science	Upper Div	/	16

POL 109	Public Policy & the Governmental Process	Processes of formulating public policy, including individual and collective decision making, political exchange, competition, bargaining, coalition formation and the allocation of public goods, resources and opportunities.	Political Science	Upper Div	16	/
POL 119	Contemporary Political Thought	Contemporary political thought from the end of the 19th century to the present. Emphasis upon an individual philosopher, concept, or philosophical movement; e.g., Nietzsche, Continental political thought, Rawls and critics, theories of distributive justice, feminist theory.	Political Science	Upper Div	/	4
POL 122	International Law	Selected topics in international law; territory, sovereign immunity, responsibility, the peaceful settlement or nonsettlement of international disputes.	Political Science	Upper Div	16	17
POL 123	The Politics of Interdependence	In the past several decades, growing economic interdependence has generated new problems in international relations. Deals with difficulties in managing complex interdependence and its implication on national policies and politics.	Political Science	Upper Div	/	17
POL 124	The Politics of Global Inequality	Analysis of current economic and political international relations resulting from a long standing division of the global system into rich and poor regions.	Political Science	Upper Div	1	10, 17
POL 126	Ethnic Self-Determination & International Conflict	Compares the claims of the state and ethnic peoples in countries undergoing internal conflicts; e.g., South Africa, Northern Ireland. Analyzes the role of the international community in facilitating the peaceful resolution of conflicts.	Political Science	Upper Div	16	/
POL 130	Recent U.S. Foreign Policy	Broad survey of the development of U.S. foreign policy in 20th century with emphasis on transformation of policy during and after World War II, and the introduction to analytic tools and concepts useful for understanding of current foreign policy issues.	Political Science	Upper Div	/	16
POL 132	National Security Policy	Development of national security policies since 1945. Analysis of deterrence and assumptions upon which it is based. Effects of nuclear weapons upon conduct of war, alliance systems, and the international system. Prospects of security and stability through arms control.	Political Science	Upper Div	16	/
POL 136	The Arab-Israeli Conflict	Causes, course, and implications of Arab-Israeli conflict. Competing Israeli and Arab narratives, politics of force, diplomacy. Domestic politics and A-I conflict, the superpowers and the A-I conflict, A-I conflict and world politics, potential solutions.	Political Science	Upper Div	16	/
POL 140A	Comparative Political Institutions: Electoral Systems	Workings of electoral institutions, focusing on systems used to elect presidents and assemblies, pass laws, and generally make decisions. Examples from systems throughout the world, including cases from both the advanced industrial and developing worlds.	Political Science	Upper div	/	16
POL 140B	Comparative Political Institutions: Parties	Factors shaping political parties and their role in democratic representation.	Political Science	Upper div	16	/
POL 140D	When Institutions Fail	Examination of factors contributing to the success and failure of political institutions.	Political Science	Upper div	/	16
POL 142A	Comparative Development: Political Development in Modernizing Societies	Nature and sequence of political development; its economic and social concomitants; role of elites, military, bureaucracy, and party systems; social stratification and group politics; social mobilization and political participation; instability, violence, and the politics of integration.	Political Science	Upper div	16	/
POL 142B	Comparative Development: Politics & Inequality	Linkages between politics and the distribution of social and economic goods. Impact of civil rights legislation, the politics of welfare states, and the effects of political participation on the distribution of goods.	Political Science	Upper div	10	16
POL 142C	Comparative Political Development: Democracy & Democratization	Examination of conditions promoting democratization and democratic stability.	Political Science	Upper div	16	/
POL 144A	Politics of Post-Communist Countries: East European Politics	Post-war democratization, state-building and economic reform in East European states.	Political Science	Upper div	/	16
POL 144B	Politics of Post-Communist Countries: Russia	Democratization, state-building and economic reform; creation of new institutions; impacts of Soviet rule.	Political Science	Upper div	/	16
POL 145B	Politics in Israel	Introduction to the domestic politics of Israel in comparative perspective, including issues of internal cultural diversity, religion and politics, fragmentation of the political party system, and coalition governance.	Political Science	Upper div	/	10, 16
POL 146A	Politics of Africa: Issues in Contemporary African Politics	African politics since the end of the Cold War. Topics include: Strategic Security Approach, Democratization, Human Rights, HIV/AIDS, African Peacekeeping, Terrorism, Religious and Ethnic Conflict, Debt and Stalled Development.	Political Science	Upper div	16	3, 8

POL 148B	Government & Politics in East Asia: Japan	Japanese politics, with an emphasis on the postwar period. Particular emphasis on political parties, elections, political economy, and social problems.	Political Science	Upper div /	16
POL 150	Judicial Politics & Constitutional Interpretation	Politics of judicial policy making, issues surrounding constitutional interpretation and decision making, prerequisite for courses on the politics of constitutional law.	Political Science	Upper Div /	16
POL 152	The Constitutional Politics of the Equality	Constitutional politics of equality in the American political system; issues surrounding constitutional doctrine and judicial policymaking; special attention on racial and sexual equality.	Political Science	Upper Div 10	16
POL 153	The Constitutional Politics of the Justice System	Constitutional politics of the American criminal justice system. Issues surrounding constitutional doctrine and judicial policymaking on issues such as search and seizure. Arrest, trial, incarceration and other issues of due process.	Political Science	Upper Div 16	/
POL 155	Judicial Process & Behavior	Analysis of the behavior of judges and courts in the political process. Techniques of judicial decision making. Relationships among courts and other decision-making bodies.	Political Science	Upper Div /	16
POL 160	American Political Parties	Analysis of the structured operations of the party system in the United States; party functions and organizations, nomination processes, campaigns and elections, party trends and reforms.	Political Science	Upper Div /	16
POL 161	Ballots, Bucks, & Maps: The Rules of the Electoral Game in American Politics	Analysis of laws and court cases on the organization and administration of elections in the United States. Topics include campaign finance, redistricting, voting rights, race & representation, and comparisons with other democracies.	Political Science	Upper Div 16	10
POL 162	Elections & Voting Behavior	Analysis of American elections and partisan behavior; political socialization, political participation, partisanship and individual and group determinants of voting.	Political Science	Upper Div /	16
POL 163	Group Politics	Groups, institutions and individuals, especially in American politics. Historical and analytical treatment of group theories as applied to interest groups (especially labor, business, agriculture, science, military); to racial, ethnic and sectional groups; to parties, public and legislative groups, bureaucracies.	Political Science	Upper Div /	10, 16
POL 164	Public Opinion	Nature of public opinion in America as it is supposed to be and as it is. Distribution of opinions among different publics and the significance of that distribution for system stability and institutions. Opinion polling and its problems.	Political Science	Upper Div /	10, 16
POL 165V	Mass Media & Politics	Organization of and decision making within the media; media audiences and the effect of the media on attitudes and behavior; the relationship of the government to the media (censorship, secrecy, freedom of the press, government regulation);the media in election campaigns	Political Science	Upper div 16	/
POL 165	Mass Media & Politics	Organization of and decision making within the media; media audiences and the effect of the media on attitudes and behavior; the relationship of the government to the media (censorship, secrecy, freedom of the press, government regulation);the media in election campaigns.	Political Science	Upper Div 16	/
POL 165	Mass Media & Politics	Organization of and decision making within the media; media audiences and the effect of the media on attitudes and behavior; the relationship of the government to the media (censorship, secrecy, freedom of the press, government regulation);the media in election campaigns.	Political Science	Upper Div 16	/
POL 166	Women in Politics	Role of women in American politics. Historical experiences; contemporary organizations and strategies; areas of legislative concern; the impact of differences in social class, race, and ethnicity upon the involvement of women in politics.	Political Science	Upper Div 5	10, 16
POL 168	Chicano Politics	Political aspects of Chicano life in America; examines the Chicano's political role as it has been historically defined by different groups in society and the Chicano's responses to his/her political environment.	Political Science	Upper Div 10	/
POL 172	American Political Development	Systematic analysis of contemporary issues in American political development: historical determinants of political change; the timing and character of institutional development; conditions for successful political action. Democratization, cultural change, party formation, state-building, constitutionalism, race relations.	Political Science	Upper Div /	10, 16
POL 174	Government & the Economy	Political basis of economic policy (taxation, spending and regulation); impact of prices, employment and growth on political demands; elite responses to economic conditions; policy alternatives and the public interest.	Political Science	Upper Div 8	16

POL 176	Racial Politics	Race, racial attitudes and racial policies in the United States with a specific emphasis on African Americans.	Political Science	Upper Div	10	16
POL 179	Special Studies in Comparative Politics	Intensive examination of one or more special problems appropriate to comparative politics. Coverage is given to formal and informal political institutions, economically developing and developed countries, and non-democratic, democratic, and democratizing countries.	Political Science	Upper Div	/	16
POL 190	International Relations	Analysis and evaluation of substantive issues in contemporary international relations. Readings drawn from current academic and non-academic periodicals. May be taught abroad.	Political Science	Upper Div	17	/
POL 223	International Relations	International relations.	Political Science	Grad	/	17
POL 226	Seminar in International Political Economy	Research in international political economy. Structure of the global economy, as well as specific dimensions of international economic relations, including trade, capital flows, global production structures, and migration.	Political Science	Grad	/	8, 17
POL 243	Comparative Institutional Change	Comparison of institutional changes in countries of the former Soviet Union and Eastern Europe during the period of transition to democracy. Special attention to institutions of mass representation; electoral and party systems and national legislatures.	Political Science	Grad	/	16
POL 274	Political Economy	Politics of economic policy as reflected in taxation, spending and regulation; impact of prices, employment, and growth on political demands; government responses to economic conditions; electoral politics and the political business cycle.	Political Science	Grad	/	8, 16
POL 290D	Research in Judicial Politics	Contemporary research on judicial politics, judicial institutions, jurisprudence, and judicial behavior.	Political Science	Grad	/	16
PSC 126	Health Psychology	Psychological factors influencing health and illness. Topics include stress and coping, personality and health, symptom perception and reporting, heart disease, cancer, compliance, and health maintenance and promotion.	Psychology	Upper Div	3	/
PSC 153	Psychology & Law	Current theoretical and empirical issues in the study of psychology and law. Topics include eyewitness testimony, child abuse, jury decision making, juvenile delinquency and criminology, prediction of violence, insanity defense, and memory for traumatic events.	Psychology	Upper Div	/	16
PSY 092	Willow Clinic	Student run clinic for undergraduate students interested in learning about and meeting the unique health care needs for the homeless population.	Psychiatry - MD	Lower Div	3	/
PSY 192	Willow Clinic	Student run clinic for upper division students interested in learning about and meeting the unique health care needs for the homeless population.	Psychiatry - MD	Upper Div	3	/
PUL 299	Pulmonary Disease Research	Pulmonary disease research activity with focus in inhalation toxicity, oxidants or lung biochemistry, and cell and molecular biology.	Internal Medicine - MD	Grad	/	3
REL 230E	Thematic Topics: Values, Ethics, & Human Rights	Comparative, interpretive study of the treatment of religion through specific topics and themes relating to values, ethics, and human rights.	Religious Studies	Grad	16	10
REL 230E	Thematic Topics: Values, Ethics, & Human Rights	Comparative, interpretive study of the treatment of religion through specific topics and themes relating to values, ethics, and human rights.	Religious Studies	Grad	16	10
RON 211	Introduction to Radiation Oncology Physics	Introduction to radiation oncology physics. Overview of treatment methodologies. Medical physics equipment. Treatment machine dosimetry, including calibration. Machine quality assurance. Patient dosimetry. Treatment planning. Simulation and treatment. Treatment quality assurance, including calculation checks and chart checks. Brachytherapy.	Radiology - MD	Grad	/	3
RST 001J	Music, Voice, & the Word	Exploration of relation between religion and musical traditions in various cultures. Investigation of ways music, vocal performance and sound production reflect and shape modern religious sensibilities. Special attention to gender, ethnicity, race, class, nationalism, secularism and mass media.	Religious Studies	Lower div	/	5, 10
RST 005	Comparative Religion	Comparative Religion based on rotating topics such as Dreams and Revelations, Evil, Prophecy, Salvation, and Crime and Punishment.	Religious Studies	Lower Div	/	16
RST 006	Introduction to Health Sciences & the Humanities	Humanities in the health sciences focusing on illness, the practice of medicine, and the role of culture in biomedical research.	Religious Studies	Lower Div	/	3
RST 008	Healthcare & Religious Ethics	Ethical dilemmas in healthcare and religion. End of life, illness, responsibility for the common good, humanity's relationship to the natural world, growing up, birth, pregnancy, conception.	Religious Studies	Lower Div	/	3, 5

RST 010	Contemporary Ethical Issues	Presents challenging, contemporary ethical issues from a multi-cultural perspective. Rotating topics will include Ethical Eating, Capital Punishment, Euthanasia, Poverty, and Animal Rights.	Religious Studies	Lower Div /	4
RST 060	Introduction to Islam	Introduction to topics central to the Islamic tradition. Muhammad, the Qur'an, Islamic law, theology, philosophy, cosmology, worship, and mysticism. Race and gender in Islam, Islamic revival, and varying experiences of Islam in different historical and cultural settings.	Religious Studies	Lower Div /	10
RST 065C	The Qur'an & Its Interpretation	The Qur'an, its history, its various functions in the lives of Muslims, and its different interpretations. Quranic themes such as God and humankind, nature and revelation, eschatology and Satan. Islam and other religions; women, gender, and sexuality.	Religious Studies	Lower div /	5
RST 066	The Song of God: The Bhagavad Gita	The Bhagavad Gita, its history and reception, and its significance in the lives of Hindus. Themes explored include Hindu theories of god, self, war, peace, duty, and action.	Religious Studies	Lower Div /	16
RST 080	Religion, Gender, Sexuality	Constructions of gender and sexuality within one or more religious traditions, pre-modern and modern. Emphasis on the interaction between religious, medical, and ethical definitions of the human body and sexual behavior.	Religious Studies	Lower Div /	5, 10
RST 123	Sex & Gender in the Bible	Gender and sexuality in the Bible and its interpretation in Judaism and Christianity. Femininity and masculinity; gender roles; homosexuality; sexual violence. Historical origins in the ancient world; influence on contemporary views.	Religious Studies	Upper Div /	5, 10
RST 130	Topics in Religious Studies	Thematic study of a phenomenon in more than one religious tradition or of the relationship between religion and another cultural phenomenon. Topics may include archeology and the Bible, women and religion, religion and violence.	Religious Studies	Upper Div /	4
RST 152	Justice, Equity, & Privacy in Medical Humanities	Global issues of justice, equity, and fairness in healthcare and biomedical research. Emphasis on issues of race, gender, paternalism, and genetic privacy. Texts include scholarly articles, fiction, and film.	Religious Studies	Upper Div 3	5, 10
RUS 142	Women in Russian Culture	Study of the representation of women in contemporary Russian fiction and film. Exploration of issues such as family dynamics/motherhood, sexuality, work, and women's relationship to the state. Offered in English.	German & Russian	Upper Div 5	/
SAF 198	Directed Group Study	Group study on focused topics in Sustainable Agriculture & Food Systems. Varies according to instructor. Course plan is adapted to student need and interest in conjunction with the expertise of the instructor.	Human Ecology	Upper Div 2	/
SAF 199	Special Study for Advanced Undergraduates	Under faculty supervision, advanced students pursue a special or individualized course of study related to Sustainable Agriculture & Food Systems.	Human Ecology	Upper Div 2	/
SAS 002V	Feeding the World: Influences on the Global Food Supply	Scientific principles and dynamic interactions involved in food production, food processing, nutrition, and agribusiness. Physical, biological and social science issues influencing the availability and safety of the food supply worldwide.	Agricultural Dean's Office	Lower div 2	8, 13
SAS 002	Feeding the World: Influences on the Global Food Supply	Scientific principles and dynamic interactions involved in food production, food processing, nutrition, and agribusiness. Physical, biological and social science issues influencing the availability and safety of the food supply worldwide.	Agricultural Dean's Office	Lower Div 2	8, 13
SAS 004Y	Water In Popular Culture	Analysis of the social construction of modern popular culture and its handling of the environment, focusing on water, as revealed through a survey of Hollywood and independent films.	Agricultural Dean's Office	Lower div 6	13
SAS 004	Water in Popular Culture	Importance of water in many aspects of society as revealed through a survey of its depictions in film.	Agricultural Dean's Office	Lower Div 6	13
SAS 009	Crisis in the Environment	Explores contemporary environmental issues by examining the causes, effects and solutions to a wide range of environmental problems facing the global ecosystem. Integrated discussion of political, societal and economic impact linkages with environmental problems. May be taught abroad.	Agricultural Dean's Office	Lower Div 4	13, 14, 15
SAS 013	Disease & Society	Introduction to the concept of disease, the societal and personal impacts of past, present and future diseases, and the science behind disease discoveries, causes, evolution, diagnosis, treatment, and prevention.	Agricultural Dean's Office	Lower Div 3	/
SAS 025V	Global Climate Change: Convergence of Biological, Geophysical, & Social Sciences	Causes of global climate change and the biological, geophysical, and social consequences of such change. Methods used by different scientists for predicting future events. Complexity of global affairs. Decision making under uncertainty.	Agricultural Dean's Office	Lower div 13	/

SAS 025	Global Climate Change: Convergence of Biological, Geophysical, & Social Sciences	Causes of global climate change and the biological, geophysical, and social consequences of such change. Methods used by different scientists for predicting future events. Complexity of global affairs. Decision making under uncertainty.	Agricultural Dean's Office	Lower Div	13	/
SAS 110	Applications of Evolution in Medicine, Human Behavior, & Agriculture	Applications of evolutionary biology in medicine, human behavior, and agriculture. Examination of the imprint of evolution on the human life cycle from conception to death.	Agricultural Dean's Office	Upper Div	/	2, 3
SOC 004	Immigration & Opportunity	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.	Sociology	Lower Div	10	/
SOC 005	Global Social Change: An Introduction to Macrosociology	Introduction to change and diversity in world history, including the United States. Examines population and family, technological change and economic development, power and status, culture and identity.	Sociology	Lower Div	/	8, 9
SOC 006	Health & Illness	Introduction to the sociology of health and illness, including social determinants of health, social inequalities in health/health disparities, social construction of health, the organization of health care, and the politics of health care reform.	Sociology	Lower Div	3	/
SOC 007	Race & Ethnicity	Introduction to the sociology of race and ethnicity in the U.S., including historical changes in racial and ethnic categories, mechanisms of racism, anti-racist social movements, the role of social policy in shaping patterns of racial inequality.	Sociology	Lower Div	10	/
SOC 011	Sociology of Labor & Employment	Labor and employment issues in the contemporary United States with some use of historical and comparative materials. Topics include strategies pursued by employers and employees, labor market discrimination and the role of social policies in shaping labor markets.	Sociology	Lower Div	8	10
SOC 030A	Intercultural Relations in Multicultural Societies	Macro-structural analysis of contemporary multicultural societies; immigration and assimilation in comparative perspective; social construction of racial and ethnic group identities; ethnicity and gender; group conflict and cooperation; controversies surrounding multiculturalism. First course in a two-course Multicultural Immersion Program.	Sociology	Lower div	10	5, 16
SOC 118	Political Sociology	Relation of social cleavages and social cohesion to the functioning of political institutions; the social bases of local and national power structures; social sources of political movement, analysis of concepts of alienation, revolution, ideology, ruling class, and elite.	Sociology	Upper Div	/	16
SOC 120	Deviance	Social structural sources, institutional practices and microprocesses associated with illegality, evil, disease, immorality, disability, racial and class differences, citizenship, and the body. Special emphasis on expert knowledge and the production and management of social difference.	Sociology	Upper Div	/	10
SOC 124	Education & Inequality in the U.S.	Functions of schooling in contemporary U.S. society. Racial, ethnic, social class, and gender inequalities in student outcomes. Consideration of classic and current controversies in the sociology of education and education policy.	Sociology	Upper Div	4	5, 10
SOC 125	Sociology of Culture	Sociological approaches to study of historical and contemporary culture and mass media, and their structuring in relation to social actors, institutions, stratification, power, the production of culture, audiences, and the significance of culture in processes of change.	Sociology	Upper Div	/	16
SOC 128	Interracial Interpersonal Dynamics	Analysis of the influences of cultural differences and racial stratification on interpersonal interaction in instrumental settings (e.g., work, education, political action) and intimate settings (e.g., friendship, love, marriage, family). Minority/majority relationships.	Sociology	Upper Div	10	/
SOC 130	Race Relations	Functions of the social definitions of race and racial groups. Analysis of racial conflict, oppression, and other forms of ethnic stratification. Models of ethnic interaction and social change. Emphasis on racial relationships within the U.S.	Sociology	Upper Div	10	16
SOC 132	The Sociology of Gender	Analysis of biological, psychological, cultural and structural conditions underlying the status and roles of men and women in contemporary society, drawing on a historical and comparative perspective.	Sociology	Upper Div	5	/

SOC 133	Sexual Stratification & Politics	Analysis of origins, dynamics, and social implications of sexual stratification. Examination of classical and contemporary theorists such as Engels, Freud, J.S. Mill, de Beauvoir, Juliet Mitchell, D. Dinnerstein. Attention to selected issues in social movements for and against sexual equality.	Sociology	Upper Div	5	/
SOC 137	African American Society & Culture 1790 to 1990	Political and social transformations of African American communities between 1790 and 1990, as seen through film, literature, and music. Topics include: Black consciousness, Afro-Slave culture, The Harlem Renaissance, and contemporary Hip Hop.	Sociology	Upper Div	10	/
SOC 139	Corporations & Society	Study of the history and power of the modern corporation; corporate organization; politics, the state, and the corporation; labor unions and the labor process; competition, regulation and international markets; the multinational and conglomerate corporation; and mass markets and consumerism.	Sociology	Upper Div	/	8, 17
SOC 140	Social Stratification	Systems of social ranking, theories of stratification; power, prestige, culture, and styles of life of various social classes; social mobility and its consequences for social structure.	Sociology	Upper Div	10	/
SOC 141	Industrialization & Social Change	Selected technological and social factors. Preconditions of economic development and industrialization. Social, political, and cultural issues at various levels of economic development. Major historical differences and major current trends. Emphasis either on highly industrialized countries or on less developed countries.	Sociology	Upper Div	8	/
SOC 143A	Urban Society	Theories of city origins. Analysis of the historic process of urbanization and of varying city types. Comparison of American and European experience of metropolitanization, counterurbanization, and neighborhood change. Consideration of competing theories of urban growth and change and competing visions of the urban future.	Sociology	Upper div	/	11
SOC 144	Agriculture & Society	Development of agriculture as a major enterprise in modern society with the concomitant reduction in the labor force and family farms. Analysis of issues including mechanization, migrant labor, corporate farming, and public resource policy.	Sociology	Upper Div	2	8
SOC 145A	Sociology of Third World Development	Introduction to theories and contemporary issues in the sociology of development. Topics such as urbanization, rural/agrarian change, class, status groups, international division of labor, sectoral shifts, international capital, informal economy, gender, and political processes are analyzed within a comparative-historical framework.	Sociology	Upper div	4	5, 8, 16
SOC 145A	Sociology of Third World Development	Introduction to theories and contemporary issues in the sociology of development. Topics such as urbanization, rural/agrarian change, class, status groups, international division of labor, sectoral shifts, international capital, informal economy, gender, and political processes are analyzed within a comparative-historical framework.	Sociology	Upper div	4	5, 8, 16
SOC 151	The Criminal Justice System	Sociological analysis of the different components of the criminal justice system including the emergence and interpretation of criminal laws, the contemporary roles and functions of the police, criminal courts and correctional institutions.	Sociology	Upper Div	16	/
SOC 152	Juvenile Delinquency	Study of juvenile delinquency in relation to the family, peer groups, community, and institutional structures. Consideration of processing of the delinquent by formal agencies of control.	Sociology	Upper Div	/	16
SOC 155	Sociology of Law	Law considered as social control; relation of legal institutions to society as affecting judicial decision making and administration of justice. Lawyers as an occupational group. Legal reform.	Sociology	Upper Div	16	/
SOC 157	Social Conflict	Analysis of the causes, dynamics, and regulation of social conflict within and between various kinds of social groupings with particular reference to nonviolent methods of waging and regulating conflict.	Sociology	Upper Div	/	16
SOC 159	Work, Employment, & Careers in the 21st Century	Historical and contemporary overview of employment, work, and occupations in American society. Study of authority and power relations, labor markets, control systems, stratification, and corporate structures, and how these factors shape work in diverse or organizational and employment setting.	Sociology	Upper Div	/	8
SOC 160	Sociology of the Environment	Production, consumption, and urban expansion. Basic social logics surrounding current problems of resource scarcity (environmental extractions) and excess wastes (environmental additions). Ways that society can change and re-organize itself to become more environmentally conscious and hence ecologically sustainable.	Sociology	Upper Div	12	/

SOC 163	Population Health: Social Determinants & Disparities in Health	Survey of the social determinants and disparities in health: measurement of population health; health transitions and global disparities; domestic disparities in health by class, race/ethnicity, nativity, gender, and sexual orientation; social determinants including social support, social stress, neighborhoods, and policy.	Sociology	Upper Div	3	5, 10
SOC 164	Health Policy & Politics	Introduction to health policy and politics, including health care access and delivery, and policies related to health inequalities, the social determinants of illness and health behaviors.	Sociology	Upper Div	3	/
SOC 171	Sociology of Violence & Inequality	How systems of social inequality organize the practice of violence. Definitions of violence and issues affecting the social capacity for violence. Analysis and comparison of different forms of violence associated with race, class, gender relations and social organization.	Sociology	Upper Div	16	5, 10
SOC 172	Ideology of Class, Race & Gender	Examination of popular belief systems that accompany relations between social classes, whites and blacks, and men and women in the United States. How do dominant groups attempt to justify each relationship, and is there ideological conflict or consensus between groups.	Sociology	Upper Div	10	5
SOC 172	Intersections of Race, Gender & Class	Sociological approaches to the intersections of race, class, gender and other forms of social difference. Theories of racism and racial identities. Application of intersectional analyses to historical and contemporary social problems and social movements.	Sociology	Upper Div	10	5
SOC 178	Punishment & Corrections	Origins, characteristics, and consequences of various sanctions and punishment regimes including fines, banishment, incarceration, deportation, and execution.	Sociology	Upper Div	16	/
SOC 185Y	Social Policy (Hybrid Version)	Examination of social policies that affect the well-being of individuals, families and groups, including such policies as old-age pensions, health insurance, and aid to the poor.	Sociology	Upper div	16	1, 3, 4, 5, 8
SOC 185	Social Policy	Examination of social policies that affect the well-being of individuals, families and groups, including such policies as old-age pensions, health insurance, and aid to the poor.	Sociology	Upper Div	16	1, 3, 4, 5, 8
SOC 185	Social Policy	Examination of social policies that affect the well-being of individuals, families and groups, including such policies as old-age pensions, health insurance, and aid to the poor.	Sociology	Upper Div	16	1, 3, 4, 5, 8
SOC 188	Markets, Culture & Inequality in China	Economic and political systems and patterns of social interaction and inequality in China. State and corporate structures and practices, market and consumer behaviors, social mobility and stratification, protest and resistance.	Sociology	Upper Div	/	10
SOC 230	Ethnic (Race) Relations	Advanced study of the determinants of ethnic groupings and their interrelationships. Major theme will be the patterns of ethnic stratification and causes of ethnic conflict. Specific focus upon dominance and resistance to dominance. Influence of social science research.	Sociology	Grad	10	16
SPA 159S	Special Topics in Latin American Literature & Culture	Special topics in the study of Latin American literature and culture. May be taught abroad in a Spanish speaking country under the supervision of UC Davis faculty.	Spanish & Portuguese	Upper div	/	5, 10
SPA 159	Special Topics in Latin American Literature & Culture	Special topics in the study of Latin American literature and culture.	Spanish & Portuguese	Upper Div	/	5, 10
SPA 167	Borders of the Spanish Speaking World	Analysis of cultural dynamics of border contexts (contact zones) in which Spanish speaking populations are prominent. Contexts may include one or more of the following: US-Mexico, US-Caribbean, Mexico-Central America, Dominican Republic-Haiti, Spain-Portugal, Colombia-Venezuela, Argentina-Brazil, among others.	Spanish & Portuguese	Upper Div	/	10, 16
SPA 168	Introduction to Latinx Culture	Introduction to histories and cultures of Latinx (Mexican American, Puerto Rican, Salvadoran American, Ecuadorian American, etc.) populations of the US. Multiple genres of cultural production and representation, with a focus on cultural diversity and regional difference. Introduction to critical analysis across multiple genres of cultural production (literature, visual culture, media culture, etc.).	Spanish & Portuguese	Upper Div	/	10
SPA 169	Special Topics in Chicanx/Latinx Studies	Special topics in the study of Chicanx and/or Latinx literature and culture.	Spanish & Portuguese	Upper Div	/	4
SPA 175	Topics in Latin American Cultural Studies	Specific historical tendencies and issues in Latin American culture(s) from precolombian times to present. Studies of literature, film, art, journalism and performance. Focus on issues of aesthetics, politics, identity, and globalization. May be taught abroad.	Spanish & Portuguese	Upper Div	/	4

SPA 281	Latin American Women Writers	Study of feminist critical theories, gender construction, and self-representation within the history of socio-cultural changes in Latin America.	Spanish & Portuguese	Grad	5	/
SPH 101	Introduction to Public Health	Provide basic concepts and controversies in public health, basic science of public health, social and behavioral factors in health and disease, environmental and occupational health issues, the relationship of public health to the medical care system and health care reform.	Public Health Sciences	Upper Div	3	8
SPH 102	Introduction to Human Epidemiology	Practice of epidemiology as it relates to human populations. Content is fundamental to the Public Health minor and a required core course.	Public Health Sciences	Upper Div	3	/
SPH 103	Introduction to Health Economics, Services, Policy, Administration & Management	American health care system and how public health leaders, administrators, and researchers can make effective contributions to the populations served.	Public Health Sciences	Upper Div	3	/
SPH 104	Globalization & Health: Evidence & Policies	Provides an overview of the evidence on the multiple effects of globalization policies on health.	Public Health Sciences	Upper Div	3	/
SPH 107V	Foundations of Epidemiology	Foundations of epidemiology. Distribution and determinants of disease and injury in populations. Practice of epidemiology as it relates to human populations. Relationship of epidemiology to public health.	Public Health Sciences	Upper div	3	/
SPH 108	Introduction to Program Planning & Evaluation	Appropriate techniques of community assessment, planning strategies, data collection, data analysis & evidence-based decision-making.	Public Health Sciences	Upper Div	/	3
SPH 109	History of Epidemiology in Public Health	Historic events in public health and the epidemiology that paved the way for disease control and prevention.	Public Health Sciences	Upper Div	3	/
SPH 113	Health Disparities in the U.S.	Introduction to the principles and practice of health disparities research.	Public Health Sciences	Upper Div	3	/
SPH 120	Introduction to Health Informatics	Introduction to concepts of health informatics and the impacts of the field on healthcare, research and public health.	Public Health Sciences	Upper Div	/	3
SPH 190	Topics in Public Health	Seminar on key issues and current topics in public health.	Public Health Sciences	Upper Div	3	/
SPH 198	Study in Community & International Health	Study and experience for undergraduate students in any number of areas in community and international health.	Public Health Sciences	Upper Div	3	/
SPH 199	Research in Community & International Health	Student will work with faculty member in areas of research interest, including but not limited to injury control, international health, health policy, occupational and environmental health, health promotion and wellness, women's health, and health demographics.	Public Health Sciences	Upper Div	3	5, 8
SPH 202	Public Health Issues in California's Central Valley	Public health issues in California's Central Valley, including the influences of migration, racial and ethnic diversity, the agricultural industry, environmental exposures, and rurality.	Public Health Sciences	Grad	3	2, 10, 12
SPH 205AY	Epidemiology for Health Professionals	Basic epidemiologic concepts and approaches to epidemiologic research, with examples from human medicine, including outbreak investigation, infectious disease epidemiology, properties of tests.	Public Health Sciences	Grad	3	/
SPH 212	Migration & Health	Principles of migration and health. Topics will include demographics, public health invention programs, health care delivery, occupational health, and effects of international migration on the health in communities of origin, transit and destination. Guest presentations by outside experts.	Public Health Sciences	Grad	3	8, 10
SPH 291	Public Health Sciences Doctoral Seminar	Seminar to explore research on translational science and rural health; includes presentations of student research in progress.	Public Health Sciences	Grad	/	3
SPH 292A	Public Health Translational Science Rotation	Public Health Translational Science Rotation for Ph.D. students in Public Health Sciences.	Public Health Sciences	Grad	/	3
SPH 292B	Public Health Translational Science Rotation	Public Health Translational Science Rotation for Ph.D. students in Public Health Sciences.	Public Health Sciences	Grad	/	3
SPH 295	International Health	Forum for learning health issues and health care systems in other countries. Topics include health care for refugees, the impact of political strife on health, the health care professional in international settings.	Public Health Sciences	Grad	3	10, 16
SPH 298	Study in Community & International Health	Study and experience for graduate students in any number of areas in community and international health.	Public Health Sciences	Grad	3	/
SPH 299	Research in Community & International Health	Work with faculty member in areas of research interest, including but not limited to injury control, international health, health policy, occupational and environmental health, health promotion and wellness, women's health, and health demographics.	Public Health Sciences	Grad	3	5, 8

SSC 010	Soils in Our Environment	Soils in our global ecosystem; soils as natural bodies formed by interactive environmental processes; soil response to use and management; sustainable use of soil resources; role of soils in agricultural and environmental issues; role of soils in our daily lives.	Land, Air, & Water Resources	Lower Div	/	2, 12, 15
SSC 100	Principles of Soil Science	Soil as part of natural and managed ecosystems and landscapes. Solid, liquid, and gas phases and their interactions in the soil. Water, gas and heat movement in soil. Soil biology. Plant nutrient acquisition and use. Soil development, management and use.	Land, Air, & Water Resources	Upper Div	/	15
SSC 102	Environmental Soil Chemistry	Soil chemistry processes related to the fate and transport of contaminants in soil. Soil minerals, natural organic matter, surface charge, soil solution chemistry, redox reactions in soil, and sorption of inorganic and organic contaminants.	Land, Air, & Water Resources	Upper Div	/	12, 15
SSC 109	Sustainable Nutrient Management	Availability of nutrients in organic and conventional agricultural, vineyard, orchard and plantation forest soils; management of fertilizers, cover crops, compost, sewage sludge and manures for crop production and to prevent loss to the environment is emphasized.	Land, Air, & Water Resources	Upper Div	/	2, 12, 15
SSC 111	Soil Microbiology	Major groups of microorganisms in soil, their interrelationships, and their responses to environmental variables. Role of microorganisms in cycling of nutrients. Plant-microbe relationships. Transformations of organic and inorganic pollutants.	Land, Air, & Water Resources	Upper Div	/	12
SSC 112	Soil Ecology	Overview of living constituents of soils, their interactions, importance to, and impact on biogeochemical cycles, decomposition, and soil properties. Practical applications of soil biological diversity are emphasized.	Land, Air, & Water Resources	Upper Div	/	15
SSC 118	Soils in Land Use & the Environment	Soils are considered as elements in land use planning and environmental quality. Topics include: soil survey reports, remote sensing, land capability classification, soil erosion/conservation, waste disposal on soils and soil reclamation. One one-day field trip.	Land, Air, & Water Resources	Upper Div	/	12, 15
STA 010	Statistical Thinking	Statistics and probability in daily life. Examines principles of collecting, presenting and interpreting data in order to critically assess results reported in the media; emphasis is on understanding polls, unemployment rates, health studies; understanding probability, risk and odds.	Statistics	Lower Div	/	3, 8
STS 012	Epidemics & Society	Epidemics in world history and the cultural impacts of contagious diseases. The roles of science, medicine, media, and the arts in shaping social conceptions of health and illness.	Science and Technology Studies	Lower Div	3	/
STS 122	Health & Medical Technologies	Critical/historical examination of medical technologies: imaging, pharmaceuticals, genetics, implants/devices. Exploration of mutually constitutive relationship between health, medical technologies, social difference (race/gender/class/sexuality).	Science and Technology Studies	Upper Div	/	3, 5, 10
STS 150	Gender & Science	Interdisciplinary approach to the relations between gender and science. Topics include the biological and cultural construction of sexual difference, the role of women as practitioners of science, and feminist approaches to science.	Science and Technology Studies	Upper Div	5	/
STS 165	Built Environments	Built environments, which are designed to support forms of life. Their role as carriers of cultural memory and in turning knowledge of nature into social assets. Historical constellations of knowledge, social order, and power.	Science and Technology Studies	Upper Div	11	/
STS 205	Contemporary Issues in Science & Technology Studies	Recent topics, debates, and innovative methods in Science & Technology Studies. Issues may include the governance of technoscience, science and media, data studies, indigenous knowledge, science and globalization, citizen science, new and emerging technologies.	Science and Technology Studies	Grad	/	9
TTP 211	Energy & Transportation Modeling for Policy Analysis	Development of energy and transportation models for policy analysis. Methods for modeling transportation, electricity, fuels, resources, and infrastructure systems.	Engineering-Civil & Environmental	Grad	/	11
TTP 221	Pavement for Managers	Concepts and knowledge needed by policy-makers, planners, and managers to understand pavements, including all urban landscapes. Materials production, design, construction, maintenance and rehabilitation, use, and end-of-life. Implications for costs, environmental impacts, and societal impacts. Communicating pavement issues with decision-makers and the public.	Engineering-Civil & Environmental	Grad	/	11, 12
TTP 281	ITS Transportation Seminar Series	Transportation seminars by guest speakers, on varied topics.	Engineering-Civil & Environmental	Grad	/	11

TTP 282	Transportation Orientation Seminar	Ten weeks of seminars, introducing various topics in transportation research and education, focusing on topics of particular interest at UC Davis.	Engineering-Civil & Environmntl	Grad	11	/
TTP 290C	Graduate Research Group Conference	Research problems, progress, and techniques in transportation.	Engineering-Civil & Environmntl	Grad	/	11
TXC 174	Introduction to World Trade in Textiles & Clothing	Structure of the global fiber/textile/apparel complex and its distribution patterns with an overview of political, economic and technological factors that are changing these industries and their markets.	Textiles & Clothing	Upper Div	/	17
UWP 102G	Writing in the Disciplines: Environmental Writing	Advanced instruction in writing and practice in effective styles of communication in the fields of environmental study, policy, or advocacy.	University Writing Program	Upper div	4	/
UWP 102I	Writing in the Disciplines: Ethnic Studies	Advanced instruction in cross-disciplinary writing about race and ethnicity and practice in effective styles of communication.	University Writing Program	Upper div	10	/
UWP 104E	Writing in the Professions: Science	Writing abstracts, research proposals, scientific papers, other forms of scientific communication. Presenting data graphically. Primarily for students engaged in or planning careers in basic or applied research.	University Writing Program	Upper div	9	/
UWP 104F	Writing in the Professions: Health	Advanced expository writing common in the health professions, emphasizing effective communication between the writer and different audiences. Topics relate to health, disability, and disease. Suitable for students planning careers in professions such as medicine, dentistry, physical therapy, optometry.	University Writing Program	Upper div	3	/
UWP 104FY	Writing in the Professions: Health	Advanced expository writing common in the health professions, emphasizing effective communication between the writer and different audiences. Topics relate to health, disability, and disease. Suitable for students planning careers in professions such as medicine, dentistry, physical therapy, optometry.	University Writing Program	Upper div	3	/
UWP 104J	Writing in the Professions: Writing for Social Justice	Advanced instruction in writing for Social Justice, using an interdisciplinary approach combining feminist, critical race, ethnic, cultural, and transnational studies; practice in techniques of research and styles of communication for diverse audiences. Suitable for activists in community organizing, non-profits, politics.	University Writing Program	Upper div	16	5, 10
VEN 112	Soils in Viticulture	Landscape distribution, physical and chemical processes in viticultural soils. Site evaluation procedures, best soil management practices, vineyard fertilization, and soil health monitoring.	Viticulture & Enology	Upper Div	/	2
VEN 112	Soils in Viticulture	Landscape distribution, physical and chemical processes in viticultural soils. Site evaluation procedures, best soil management practices, vineyard fertilization, and soil health monitoring.	Viticulture & Enology	Upper Div	/	2
VEN 135	Wine Technology & Winery Systems	Process technologies and process systems that are used in modern commercial wineries. Lectures, demonstrations, problem solving sessions, and possible field trips. Includes grape preparation and fermentation equipment; post-fermentation processing equipment; winery utilities, cleaning systems, and waste treatment.	Viticulture & Enology	Upper Div	/	12
VMB 254	Toxicology of the Respiratory System	Survey of structure and function of the respiratory system, the pathophysiology of major lung diseases, the interactions of toxicants with the lung and response of this organ to injury.	Molecular Biosciences - VM	Grad	/	3
VME 057V	Global Population, Health, & Environment	Students critically examine multi-scale processes involving human, animal, and ecosystem health. Online team and independent work engage local and global topics around population pressures on environments and environmental pressures on populations.	Medicine & Epidemiology - VM	Lower div	4	3, 15
VME 158	Infectious Disease in Ecology & Conservation	Introduction to the dynamics and control of infectious disease in wildlife, including zoonotic diseases and those threatening endangered species. Basic epidemiological models and application to field data. Scientists' role in developing disease control policies.	Medicine & Epidemiology - VM	Upper Div	/	15
WFC 010	Wildlife Ecology & Conservation	Introduction to the ecology and conservation of vertebrates. Complexity and severity of world problems in conserving biological diversity.	Wildlife, Fish & Conservtn Bio	Lower Div	15	/
WFC 050	Natural History of California's Wild Vertebrates	Examination of the natural history of California's wild vertebrates (fish, amphibians, reptiles, birds, and mammals), including their biogeography, systematics, ecology and conservation status.	Wildlife, Fish & Conservtn Bio	Lower Div	/	15
WFC 100	Field Methods in Wildlife, Fish, & Conservation Biology	Introduction to field methods for monitoring and studying wild vertebrates and their habitats, with an emphasis on ecology and conservation. Required weekend field trips.	Wildlife, Fish & Conservtn Bio	Upper Div	15	/

WFC 111L	Laboratory in Biology & Conservation of Wild Birds	Laboratory exercises in bird species identification, anatomy, molts, age and sex, specialized adaptations, behavior, research, with emphasis on conservation of wild birds. Several weekend field trips, after class bird walks, and independent bird study are required.	Wildlife, Fish & Conservtn Bio	Upper div	15	/
WFC 111	Biology & Conservation of Wild Birds	Phylogeny, distribution, migration, reproduction, population dynamics, behavior and physiological ecology of wild birds. Emphasis on adaptations to environments, species interactions, management, and conservation.	Wildlife, Fish & Conservtn Bio	Upper Div	/	15
WFC 120L	Laboratory in Biology & Conservation of Fishes	Morphology, taxonomy, conservation, and identification of marine and freshwater fishes with emphasis on California species.	Wildlife, Fish & Conservtn Bio	Upper div	/	14, 15
WFC 120	Biology & Conservation of Fishes	Evolution, ecology, and conservation of marine and freshwater fishes.	Wildlife, Fish & Conservtn Bio	Upper Div	14	15
WFC 125	Tropical Ecology & Conservation	Ecology and natural history of the tropics. Challenges and opportunities associated with tropical conservation. Design and communicate course-based research project.	Wildlife, Fish & Conservtn Bio	Upper Div	15	/
WFC 130	Physiological Ecology of Wildlife	Principles of physiological ecology, emphasizing vertebrates. Ecological, evolutionary, and behavioral perspectives on physiological mechanisms used by animals to adapt to their environment, including consideration of climate-change and other threats to biodiversity. Tropical, temperate, and polar ecosystems are highlighted.	Wildlife, Fish & Conservtn Bio	Upper Div	/	13, 15
WFC 134	Herpetology	Evolution and ecology of the world's diverse reptiles and amphibians. Emphasis on adaptations to environments, species interactions, management, and conservation.	Wildlife, Fish & Conservtn Bio	Upper Div	/	15
WFC 136	Ecology of Waterfowl & Game Birds	Detailed examination of distribution, behavior, population dynamics, and management of waterfowl and upland game birds.	Wildlife, Fish & Conservtn Bio	Upper Div	/	15
WFC 151	Wildlife Ecology	Ecology of wild vertebrates, including habitat selection, spatial organization, demography, population dynamics, competition, predation, herbivory, energetics, and community dynamics, set in the context of human-caused degradation of environments in North America.	Wildlife, Fish & Conservtn Bio	Upper Div	/	15
WFC 152	Ecology of Human-Wildlife Conflicts	Ecological approaches to managing wild vertebrates that come into conflict with agriculture, public health, or the conservation of biodiversity.	Wildlife, Fish & Conservtn Bio	Upper Div	15	/
WFC 154	Conservation Biology	Introduction to conservation biology and background to the biological issues and controversies surrounding loss of species and habitats.	Wildlife, Fish & Conservtn Bio	Upper Div	15	/
WFC 154	Conservation Biology	Introduction to conservation biology and background to the biological issues and controversies surrounding loss of species and habitats.	Wildlife, Fish & Conservtn Bio	Upper Div	15	/
WFC 168	Climate Change Ecology	Ecological responses to current and expected future climate change, across levels of biological organization from individuals to ecosystems.	Wildlife, Fish & Conservtn Bio	Upper Div	13	15
WFC 230	Advanced Physiological Ecology of Wildlife	Advanced principles of physiological ecology. Ecological, evolutionary and behavioral perspectives on physiological mechanisms used by animals to adapt to their environment in the context of climate change and other threats to biodiversity. Primary literature will form the basis of discussion.	Wildlife, Fish & Conservtn Bio	Grad	/	13, 15
WMS 025	Gender & Global Cinema	Role gender plays in film history/culture in various geographical contexts and in aspects of contemporary globalization. Films from nations such as China, Colombia, Cuba, Ethiopia, India, Iran, Korea, New Zealand, and the U.S.	Women's Studies	Lower Div	/	5, 10
WMS 050	Introduction to Critical Gender Studies	Introduction to interdisciplinary, critical gender studies. Addresses the emergence of women's, gender and feminist studies internationally, its links to women's movements, and its influence within the various arts, humanities and social science disciplines.	Women's Studies	Lower Div	/	5
WMS 060	Feminist Critiques of Western Thought	Critical introduction to major traditions of social thinking in the West from a feminist perspective.	Women's Studies	Lower Div	5	10
WMS 070	Theory & History of Sexualities	Key issues in the social construction, organization, and reproduction of sexualities such as the intersection of sexual identity with gender, race, ethnicity, and class, and the relation between movements for sexual liberation and the regulation of the body.	Women's Studies	Lower Div	10	/
WMS 102	Gender & Post Colonialism	Explores changing configurations of race, gender, sexuality, class and implications for governmentality in one or more colonial or postcolonial regimes in one or more societies.	Women's Studies	Upper Div	10	5

WMS 103	Introduction to Feminist Theory	Introduction to the emergence of feminist theory and to key concepts in feminist theorizing. Examination of past and current debates over sexuality, race, identity politics, and the social construction of women's experience.	Women's Studies	Upper Div	/	5
WMS 104	Feminist Research	Introduction to feminist applications and transformations of traditional disciplinary research practices; initial training in methodologies for feminist interdisciplinary work.	Women's Studies	Upper Div	/	5, 10
WMS 137	Contemporary Debates in Western Feminist Theory	Interpretations of poststructuralist, postmodern, and postcolonial thought from a critical feminist perspective; includes methods of applying theory to concrete social/cultural problems of gender, race, sexuality, class.	Women's Studies	Upper Div	10	5
WMS 138	Critical Fashion Studies	Feminist cultural studies of style-fashion-dress through transnational circuits, personal subjectivities. Fashion as means of gender oppression and liberation. Histories and discourses of masculinities and femininities. Clothing works on global assembly line. Use of dress in construction/regulation of identities.	Women's Studies	Upper Div	5	10
WMS 145	Women's Movements in Transnational Perspective	Transnational perspectives on 20th- and 21st-century women's movements in Western, colonial and post-colonial contexts, examining movement's forms and political orientations and relationships between women's movements and other forces for change.	Women's Studies	Upper Div	5	/
WMS 148	Science, Gender, & Social Justice	Critical reading and reflection on the history of Western science, scientific institutions and the changing role of science in relation to inequalities of class, race, gender and sexuality, and global struggles for equality and justice.	Women's Studies	Upper Div	10	5, 16
WMS 162	Feminist Film Theory & Criticism	Historical overview of and contemporary issues in feminist film theory, including representation, spectatorship, and cultural production. Film stars, women filmmakers, and the intersections of gender, race, sexuality, and class in films and their audiences.	Women's Studies	Upper Div	/	5, 10
WMS 164	Topics in Gender & Cinematic Representation	Examination of a specific topic within the broad rubric of gender and cinema. Possible topics include Latinas in Hollywood; gender, nation, cinema; and gender and film genre. Topics vary.	Women's Studies	Upper Div	10	/
WMS 170	Queer Studies	Study of queer sexualities, identities, theories, practices. Alternative sexualities as historical, social, and cultural constructions in intersections with race, gender, class, nationality. Interdisciplinary exploration of sexual liberation and the regulation of sexuality through history, theory and expressive cultural forms.	Women's Studies	Upper Div	10	/
WMS 174	Body Politics	The body as a site where status inequalities are formed and resisted. Self-making through bodywork, history of gendered and racial meanings of the body, and analysis of normalizing discourses and practices.	Women's Studies	Upper Div	10	5
WMS 175	Gender & Experience of Race	Exploration of the co-construction of "race" and gender in comparative national historical contexts and contemporary lived experience. Study of intersections of race and gender in identities and how institutions, labor migration, social movements and consumption shape racialized gendered identities.	Women's Studies	Upper Div	10	5, 8
WMS 179	Literature as Aesthetics of Resistance	Literature by women and other marginal groups which embody dissent and subversion as a means of challenging the status quo and to affect social transformation.	Women's Studies	Upper Div	5	10
WMS 182	Globalization, Gender & Culture	Critical gender analysis of globalization as a process of interconnected cultural, social and economic transformations inflected by gender, nation, class and race/ethnicity. Critical self-reflection and social observation skills.	Women's Studies	Upper Div	/	5, 8, 10
WMS 184	Gender in the Arab World	Examination of the history, culture, and social/political/economic dynamics of gender relations and gendering in the Arab world.	Women's Studies	Upper Div	5	/
WMS 189	Special Topics in Critical Gender Studies	In-depth examination of a women's studies topic related to the research interests of the instructor.	Women's Studies	Upper Div	5	/
WMS 190	Senior Seminar	Capstone course for senior Womens Studies majors, which focuses on current issues on feminism as they impact theory, public policy, and practice.	Women's Studies	Upper Div	5	/
WMS 194HA	Senior Honors Project in Women's Studies	In consultation with an advisor, students complete a substantial research paper or significant creative project on a Womens Studies topic.	Women's Studies	Upper div	/	5
WMS 194HB	Senior Honors Project in Women's Studies	In consultation with an advisor, students complete a substantial research paper or significant creative project on a Women's Studies topic.	Women's Studies	Upper div	/	5
WMS 200A	Current Issues in Feminist Theory	Current issues in feminist theory; techniques employed to build feminist theory in various fields.	Women's Studies	Grad	/	5

WMS 200B	Problems in Feminist Research	Application of feminist theoretical perspectives to the interdisciplinary investigation of a problem or question chosen by the instructor(s).	Women's Studies	Grad	/	5
WMS 201	Special Topics in Feminist Theory & Research	Explores in depth a topic in feminist theory and research related to the research interests of the instructor.	Women's Studies	Grad	/	5

UC Davis Departments

African American Studies
Agricultural & Resource Economics
Agricultural and Environmental Sciences
Agricultural Dean's Office
American Studies
Anatomy, Physiology & Cell Biology
Anesthesiology & Pain Med - MD
Animal Science
Anthropology
Art & Art History
Asian American Studies
Biological Chem and Molecular
Biological Sciences
Biomedical Engineering
Business
BioSci Graduate Grp Cluster
Cell Biology & Human Anat-MD
Chemistry
Chicano/a Studies
Cinema and Digital Media
Cognitive Science
Communication
Comparative Literature
Dermatology - MD
Design
Earth and Planetary Sciences
East Asian Languages and Cultures
East Asian Studies
Economics
Education
Engineering
Engineering-Biological & Agricultural
Engineering-Mechanical & Aerospace
Engineering: Civil & Environmental
Engineering: Computer Science
Engineering: Electrical & Computer
Engineering: Chemical
English
Engr-Chemical and Material Sciences
Entomology and Nematology
Environmental Science and Policy
Environmental Toxicology
Evolution & Ecology
Family & Comm Medicine - MD
Food Science & Technology
French & Italian
Geology
Gender, Sexuality & Women Studies
German & Russian
Graduate Studies
History
Human Ecology
Human Physiology - MD
Humanities
Humanities, Arts & Cultural Studies
Interdept Program in Classics
Internal Medicine - MD
Land, Air, & Water Resources
Law
Letters and Science Deans' Office
Linguistics
Management
Materials Science and Engineering
Mathematical and Physical Sciences
Mathematics
Medical Microbiology - MD
Medical Pathology and Lab Med
Medical Sci-non dept courses
Medicine and Epidemiology
Medieval Studies
Microbiology & Molecular Genetics
Middle East/South Asian Studies
Military Science
Molecular & Cellular Biology
Molecular Biosciences
Music
Native American Studies
Nature and Culture
Neurobiology, Physiology & Behavior
Neurology - MD
Neurosurgery - MD
Nursing
Nutrition
Obstetrics & Gynecology - MD
Ophthalmology - MD
Orthopaedic Surgery - MD
Pathology, Microbiology & Immunology
Pharmacology & Toxicology - MD
Philosophy
Physical Education
Physics
Plant Biology
Plant Pathology
Plant Sciences
Political Science
Population Health & Reproduction
Psychiatry - MD
Psychology
Religious Studies
Public Health Sciences
Radiology - MD
Religious Studies
Science and Technology Studies
Social Sciences
Sociology
Spanish & Portuguese
Statistics
Surgery - MD
Surgical & Radiological Sciences
Textiles & Clothing
Theatre and Dance
Undergraduate Studies
University Writing Program
Vet Med
Viticulture & Enology
Wildlife, Fish & Conservation Biology
Women's Studies

SDG Single Keyword Lists

SDG 1	SDG 2	SDG 3	SDG 4	SDG 5	SDG 6	SDG 7
Poverty	Food	Health	Educat*	Gender	Water	Batter*
Poor	Nutrition	Disease	School	Wom?n	Contamina*	Charcoal
microfinance	Agricultur*	Medical	Literacy	Femini*	Flood	Electricity
Livelihood	Crop	Dental	Enrolment	Girl	Lake	Electrif*
Income	Hunger	Family planning	Global citizenship		River	fuel
	Hungry	Antenatal	Numeracy		Aquifer	geothermal
	Legume	Antiretroviral	Scholarships		Defecation	Heating
	Maize	Contraceptive	Child		Desalination	Hydropower
	Malnourish*	Death rate			Dumping	Photovoltaic
	Stunted	Hepatitis			Hygiene	Renewab*
	Stunting	Mortality			Latrine	low*carbon
	Irrigat*	Life expectancy			Sanitat*	carbon*low
	Seed bank	Malaria			Sewerage	
	Nourish	Measles			Toilet	
	farm	Narcotic			Soap	
	Harvest	Polio			Sanitary	
	agroecolog*	Tobacco			hydrolog	
	no?till	Tuberculosis				
	low?till	Vaccin*				
	livestock	Prenatal				
	malnutrition	Covid				
	gene bank	World Health Organization				
		suicide				
		biomaterial				
		particulate matter				
		rural prime				
		anesthesi				
		clinical care				
		criticlal care				
		thriv				

SDG 8	SDG 9	SDG 10	SDG 11	SDG 12	SDG 13
worker	Tariff	Sexis*	Urban	Waste	Climate
wage	Resource use efficiency	Sex	Transportation	Supply?chain	Carbon
triple bottom line	invests	Resource flows	Town	Reuse	Temperature
Trafficking	investor	ageism	Slum	Retail	COP 21
Touris*	investment	Racis*	Shanty	Recycl*	COP 22
Slaver*	investing	Race	Population	procure	Emission
Productivity	invested	Queer	Housing	Obsolescence	Greenhouse gas
Pay	invest	Parity	Heritage	Materialis*	Natural disaster
labour	Innovat*	minorit*	Heat island	Future?proof	Warming
Job	Infrastructure	Migration	Footprint	feedstock	Mitigat*
Insurance	Industr*	Migrant	Disaster	Dematerializ*	ghg
Gross domestic product	Data bank	Marginalize	Decentrali*	Consum*	ice cap
GDP	Cooperation	Lgbt	Daylighting	Capitalis*	geoengineering
Financ*	Road	Indigenous	Adaptable	biodigest*	methane
Entrepreneur	landlocked	Inclusion	City		ozone
Enterprise		Humanitarian	Cities		
Employment		Homophob*	settlement		
Economy		Homeless	adaption		
Banking		Ethnicity			
		Equity			
		Equalit*			
		Empower			
		elderly			
		disparit*			
		Discriminat*			
		Disabilit*			
		disproportionate			
		undeserved			
		xenophob*			

SDG 14	SDG 15	SDG 16	SDG 17	Miscellaneous
Marine	Conserv*	Violen*	Trade	Wholeness
Ocean	Ecosystem	unsentenced detainees	trading	welfare
Sea	Soil	Transparency	csr	Vulnerable
Kelp	Forest	Torture		Vehic*
Protected area	Bees	Theft		Third World
Fish	Drought	terroris*		Sustainab*
Coastline	Wetland	soldier		Society
Coastal	Afforestation	smuggl*		Smart grid
seas	Biodivers*	servitude		responsibilit*
acidifi*	Desertification	Rule of law		Resilien*
	Dryland	Robber*		Refugee
	Extinct	punishment		Preserv*
	wildlife	prison		Pollut*
	Permaculture	Police		Kaitiaki
	Poaching	Peace		Inclusive
	Habitat	Murder		Ethic*
	Restoration	mafia		Environment
	biomass	killing		Disadvantaged
	red list	kidnapping		dignity
	stewardship	Justice		Culture
	bird	Judiciary		Communit*
	degradation	Institution		anthropogenic
	steward*	illicit		reform
		Homicide		intervention
		harassment		intersectional
		Governance		sovereign*
		gang		underserved
		Freedom		tribal
		Exploit*		bipoc
		displace*		divers*
		detention		pedagogy
		detain*		inclusiv*
		Democra*		
		demilitariz*		
		crime		
		Corrupt		
		Conflict		
		Bribery		
		Accountab*		
		Abuse		
		election		
		elected		
		property damage		
		judicial		
		jurisdiction		
		legal relation		
		tribe		

SDG Paired Keyword Lists

Gray fields: reversed version of a keyword pair listed above

SDG 1	SDG 2	SDG 3	SDG 4	SDG 5	SDG 6
basic*service	genetic*divers	Affordab*medicine	Learn*opportunit	Force*marriage	disease*Diarrhoeal
Financ*inclu	organic*system	Air*contaminat	learn*Refugee	genital*mutilat	defecat*Open
Wealth*distribut	Rural*infrastructure	Air*pollut	learn*lifelong	Reproductive*right	hand*Wash
Wealth*gap	tenure*right	Alcohol*abuse	Qualif*teacher	Reproductive*health	
service*basic	Trade*restriction	Bod*autonomy	train*Teacher	Sexual*health	
inclu*Financ	divers*genetic	death*Child	train*Vocation	Sexual*exploit	
gap*Wealth	system*organic	death*Preventable	learning*process	Sexual*violen	
distribut*Wealth	infrastructure*Rural	Disability*support	classroom*student	marriage*Force	
	right*tenure	Disability*inclusion	opportunit*Learn	mutilat*genital	
	restriction*Trade	prevent*death	Refugee*learn	right*Reproductive	
		Soil*contaminat	lifelong*learn	health*Reproductive	
		Soil*pollut	teacher*Qualif	health*Sexual	
		substance*abuse	Teacher*train	exploit*Sexual	
		Traffic*accident	Vocation*train	violen*Sexual	
		well*being	student*classroom		
		patient*care			
		clinic*patient			
		medicine*Affordab			
		contaminat*Air			
		pollut*Air			
		abuse*Alcohol			
		autonomy*Bod			
		Child*death			
		Preventable*death			
		support*Disability			
		inclusion*Disability			
		death*prevent			
		contaminat*Soil			
		pollut*Soil			
		abuse*substance			
		accident*Traffic			
		being*well			
		care*patient			
		patient*clinic			

SDG 7	SDG 8	SDG 9	SDG 10	SDG 11
Hydro*electric	small*business	Internet*access	Equal*opportunit	Air*quality
power*Wave	Child*labor	Affordable*access	Financ*assist	Public*space
power*Solar	Decent*work	Affordable*credit	Foreign*aid	Cultur*heritage
power*Wind	Develop*polic	Mobile*network	Foreign*invest	Development*planning
power*Wood	Econom*develop	Phone*service	Social*protect	particulate*matter
power*Coal	Econom*growth	Scientific*research	Development*aid	Green*space
turbine*Wind	Econom*recession	Value*chain	Gini*index	Human*settlement
carbon*Low	financial*institution	techn*support	Hate*speech	Informal*settlement
power*Electric	Force*labor	techn*capabilit	Old*person	local*material
power*thermal	Labor*market	technolog*develop	Income*growth	Over*crowd
power*generat	Labor*right	technolog*access	Vulnerable*group	Road*safety
energy*generat	Safe*work	technolog*environment	Vulnerable*communit	Afford*housing
alternative*energy	Secure*work	access*Internet	Equal*access	Resilien*building
clean*energy	Social*polic	access*Affordable	Gini*coefficient	Sustainab*building
energy*policy	sustainab*develop	credit*Affordable	Old*people	Sustainab*communit
energy*efficien	Sustainab*touris	network*Mobile	vot*right	Land*consumption
cooling*efficien	Wom?n*migrant	service*Phone	Wealth*distribut	building*material
light?emitting*diode	Work*opportunit	research*Scientific	basic*right	cultur*significan
energy*polic	Work*environment	chain*Value	civil*right	green*building
solar*energy	Global*recess	support*techn	equal*right	green*development
wind*energy	Paid*work	capabilit*techn	race*polic	low?impact*development
electric*Hydro	labor*standard	develop*technolog	post*coloni	public*transport
Wave*power	econom*polic	access*technolog	opportunit*Equal	Air*clean
Solar*power	social*cost	environment*technolog	assist*Financ	cultur*production
Wind*power	emerg*business		aid*Foreign	site*plan
Wood*power	business*small		invest*Foreign	space*Public
Coal*power	labor*Child		protect*Social	heritage*Cultur
Wind*turbine	work*Decent		aid*Development	planning*Development
Low*carbon	polic*Develop		index*Gini	matter*particulate
Electric*power	develop*Econom		speech*Hate	space*Green
thermal*power	growth*Econom		person*Old	settlement*Human
generat*power	recession*Econom		growth*Income	settlement*Informal
generat*energy	institution*financial		group*Vulnerable	material*local
energy*alternative	labor*Force		communit*Vulnerable	crowd*Over
energy*clean	market*Labor		access*Equal	safety*Road
policy*energy	right*Labor		coefficient*Gini	housing*Afford
efficien*energy	work*Safe		people*Old	building*Resilien
efficien*cooling	work*Secure		right*vot	building*Sustainab
diode*light?emitting	polic*Social		distribut*Wealth	communit*Sustainab
polic*energy	develop*sustainab		right*basic	consumption*Land
energy*solar	touris*Sustainab		right*civil	material*building
energy*wind	migrant*Wom?n		right*equal	significan*cultur
	opportunit*Work		polic*race	building*green
	environment*Work			development*green
	recess*Global			development*low?impact
	work*Paid			transport*public
	standard*labor			quality*Air

polic*econom
cost*social
business*emerg

clean*Air
production*cultur
plan*site

SDG 12	SDG 13	SDG 14	SDG 15	SDG 16
Natural*resource	zero*net	Coral*bleaching	Arable*land	Legal*identity
Market*distort	weather*Extreme	Coral*reef	Genetic*resource	civil*forfeiture
Material*good	weather*Chang	bleaching*Coral	Invasive*species	Arms*trafficking
Circular*economy	system*Natural	reef*Coral	Land*degrad	arms*flow
Resource*efficien	Sea*level		Land*loss	Illegal*arms
Sustainab*consum	prepare*emergency		Protect*fauna	National*Security
Sustainab*practice	Paris*Agreement		Protect*flora	Security*threat
Sustainab*produc	loss*Ice		Protect*species	Stolen*asset
Sustainab*procure	conversion*CO2		Soil*degrad	Tax*evasion
Sustainab*design	CO2*capture		Threaten*species	Weapon*seiz
resource*deplet	net*zero		Land*use	Palermo*Convention
embodied*energy	Natural*system		Endanger*species	participat*government
green*chemistry	Ice*loss		Species*loss	Public*policy
green*engineering	Extreme*weather		Priority*species	Birth*registration
hazard*chemical	emergency*prepare		land*Arable	Representative*decision-making
hazard*substance	CO2*conversion		resource*Genetic	public*inform
life?cycle*analysis	Chang*weather		species*Invasive	direct*participat
life?cycle*assessment	capture*CO2		degrad*Land	criminal*case
material*intensity	Agreement*Paris		loss*Land	journal*law
resource*economics			fauna*Protect	regulat*government
resource*manage			flora*Protect	power*executive
resource*scarcity			species*Protect	identity*Legal
source*reduction			degrad*Soil	forfeiture*civil
production*good			species*Threaten	trafficking*Arms
production*market			use*Land	flow*arms
production*design			species*Endanger	arms*Illegal
production*decision			loss*Species	Security*National
toxic*chemical			species*Priority	threat*Security
natur*solution				asset*Stolen
nature*based				evasion*Tax
resource*Natural				seiz*Weapon
distort*Market				Convention*Palermo
good*Material				government*participat
economy*Circular				policy*Public
efficien*Resource				registration*Birth
consum*Sustainab				decision-making*Representative
practice*Sustainab				inform*public
produc*Sustainab				participat*direct
procure*Sustainab				government*regulat
design*Sustainab				executive*power
deplet*resource				
energy*embodied				
chemistry*green				
engineering*green				
chemical*hazard				
substance*hazard				
analysis*life?cycle				

assessment*life?cycle

intensity*material

economics*resource

manage*resource

scarcity*resource

reduction*source

good*production

market*production

design*production

decision*production

chemical*toxic

SDG 17	Miscellaneous
Knowledge*shar	Developing*countr
Communicat*technolog	Social*responsib
Capacity*build	Inter*generational
Development*assist	Irregular*migration
Global*partnership	Human*right
Global*stability	Migration*policy
International*support	Quality*Life
cooperation*agreement	Population*grow
Technology*transfer	Developing*state
tax*revenue	Finite*world
domestic*tax	spiritual*wisdom
domestic*budget	basic*need
debt*relief	citizen*science
debt*restructur	global*consequence
Debt*service	human*impact
invest*promot	natural*capital
technical*assistance	social*imperative
Debt*sustainab	fair*treatment
International*cooperat	countr*Developing
policy*coordinat	responsib*Social
policy*coherence	generational*Inter
foreign*relation	migration*Irregular
international*relation	right*Human
shar*Knowledge	policy*Migration
technolog*Communicat	Life*Quality
build*Capacity	grow*Population
assist*Development	state*Developing
partnership*Global	world*Finite
stability*Global	wisdom*spiritual
support*International	need*basic
agreement*cooperation	science*citizen
transfer*Technology	consequence*global
revenue*tax	impact*human
tax*domestic	capital*natural
budget*domestic	imperative*social
relief*debt	
restructur*debt	
service*Debt	
promot*invest	
assistance*technical	
sustainab*Debt	
cooperat*International	
coordinat*policy	
coherence*policy	