

Class Code	Class Title	Link	Instructor Name	Instructor Contact Information	Units	Quarter/Semester Offered	Description	Course Level (Undergrad, Grad, etc.)	Host Department	Host College/School
AAS 136	Black Women & Food	https://catalog.ucdavis.edu/courses-subject-code/aas/#~:text=AAS%20136%20E2%80%94C2%A0Black%20Women%20%26%20Food%20(4%20units)	Changes by Quarter		4	Varies	Black women's relationships with food. Historical and contemporary representations, self-representations, and misrepresentations in popular culture. Images of African American women in their roles as providers, producers, preparers and consumers of food in both domestic and public arenas from the periods of Black people's enslavement up through the 21st century.	Undergraduate	African American & African Studies	College of Letters and Science
AAS 138	AIDS, Race, Gender, & Sexuality in Black Communities	https://catalog.ucdavis.edu/courses-subject-code/aas/#~:text=AIDS%20Race%20C%20Gender%20%26%20Sexuality%20in%20Black%20Communities	Changes by Quarter		4	Varies	Critical examination of how the intersections of gender, religion, race, sexuality, and socioeconomic status have perpetuated the marginalization of African Americans in public health. Focus on vulnerabilities to HIV/AIDS in Black communities.	Undergraduate	African American & African Studies	College of Letters and Science
AAS 178	African Modernity & Globalization	https://catalog.ucdavis.edu/courses-subject-code/aas/#~:text=African%20Modernity%20%26%20Globalization	Shingirai Lenon Taodzera, Ph.D	sltaodzera@ucdavis.edu	4	Varies	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.	Undergraduate	African American & African Studies	College of Letters and Science
AED 100	Concepts in Agricultural & Environmental Education	https://catalog.ucdavis.edu/courses-subject-code/aed/#~:text=Concepts%20in%20Agricultural%20%26%20Environmental%20Education	Margaret Martindale, Ph.D	lmartindale@ucdavis.edu	3	Winter	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.	Undergraduate	Agricultural Education	College of Agricultural & Environmental Sciences
AMS 055	Food in American Culture	https://catalog.ucdavis.edu/courses-subject-code/ams/#~:text=AMS%20055%20E2%80%94Food%20in%20American%20Culture.(4%20units)	Charlotte Biletkoff, Ph.D	cbiletkoff@ucdavis.edu	4	Spring	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.	Undergraduate	American Studies	College of Letters and Science
AMS 150	Interdisciplinary Approaches to Environmental Justice/Injustice	https://catalog.ucdavis.edu/courses-subject-code/ams/#~:text=Interdisciplinary%20Approaches%20to%20Environmental%20Justice/Injustice	Julie Sze, Ph.D	jsze@ucdavis.edu	4	Winter	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.	Undergraduate	American Studies	College of Letters and Science
AMS 255	Food in American Culture	https://catalog.ucdavis.edu/courses-subject-code/ams/#~:text=AMS%20255%20E2%80%94Food%20in%20American%20Culture.(4%20units)	Changes by Quarter		3	Varies	Interdisciplinary theories and methods for the study of food in American culture; food studies in relation to issues of identity (age, gender, ethnicity, religion, region, etc.), social relations, systems of production, and cultures of consumption.	Graduate	American Studies	College of Letters and Science
ANT 020	Comparative Cultural Ecologies	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Comparative%20Cultural%20Ecologies	Suzana Sawyer, Ph.D	smsawyer@ucdavis.edu	4	Fall & Winter	Anthropological study of diverse cultural ecologies. Emphasis on ways of being, knowing, and seeing environments. Interrogates concepts of person, nature, and culture with aim of exploring ways to reconfigure the cultural challenges of current climate crises.	Undergraduate	Anthropology	College of Letters and Science
ANT 024	Ancient Crops & People	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Ancient%20Crops%20%26%20People	Jelmer Eerkens, Ph.D	jweerkens@ucdavis.edu	4	Winter	The archaeological evidence for domestication of plants and the origins of agricultural societies. Anthropological context of agriculture and the effects on sexual division of labor, social inequality, wealth accumulation, warfare, human health, and sedentism.	Undergraduate	Anthropology	College of Letters and Science
ANT 101	Ecology, Nature, & Society	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Ecology%20C%20Nature%20%26%20Society	Cristina Moya	moya@ucdavis.edu	4	Spring	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.	Undergraduate	Anthropology	College of Letters and Science
ANT 102	Evolution, Culture & Mental Health	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Evolution%20C%20Culture%20%26%20Mental%20Health	Changes by Quarter		4	Varies	Cross-cultural and evolutionary perspectives on mental health, exploring psychological diversity, disorder, and healing. Mood and anxiety disorders, psychosis, neurodevelopmental conditions, substance use, and cognitive decline.	Undergraduate	Anthropology	College of Letters and Science
ANT 103	Indigenous Peoples & Natural Resource Conservation	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Indigenous%20Peoples%20%26%20Natural%20Resource%20Conservation	Changes by Quarter		4	Varies	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.	Undergraduate	Anthropology	College of Letters and Science
ANT 104N	Cultural Politics of the Environment	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Cultural%20Politics%20of%20the%20Environment	Suzana Sawyer, Ph.D	smsawyer@ucdavis.edu	4	Winter	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.	Undergraduate	Anthropology	College of Letters and Science

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ANT 111	Science & Race	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=ANT%20111%20E2%80%94,Science%20%26%20Race,-(4%20units)	Changes by Quarter		4	Varies	Race and racial formations in science, technology, and medicine. History of racial thought in scientific and medical research; colonial and decolonial modes of knowledge production; the racialization of technology; intersectional approaches to technoscience, social justice, environmental justice, and health care equity.	Undergraduate	Anthropology	College of Letters and Science
ANT 121	Special Topics in Medical Anthropology	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Special%20Topics%20in%20Medical%20Anthropology	Cristiana Giordano, Ph.D	cgiordano@ucdavis.edu	4	Fall & Spring	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.	Undergraduate	Anthropology	College of Letters and Science
ANT 126B	Women & Development	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=ANT%20126B%20E2%80%94,Women%20%26%20Development,-(4%20units)	Changes by Quarter		4	Varies	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.	Undergraduate	Anthropology	College of Letters and Science
ANT 129	Health & Medicine in a Global Context	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Health%20a%20Global%20Context	Joseph Dumit, Ph.D	jdumit@ucdavis.edu	4	Spring	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.	Undergraduate	Anthropology	College of Letters and Science
ANT 130BN	Migration & the Politics of Place & Identity	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Migration%20%26%20the%20Politics%20of%20Place%20%26%20Identity	Jeffrey Kahn, Ph.D	jskahn@ucdavis.edu	4	Fall	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.	Undergraduate	Anthropology	College of Letters and Science
ANT 131	Ecology & Politics	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=ANT%20131%20E2%80%94,Ecology%20%26%20Politics,-(4%20units)	Suzana Sawyer, Ph.D	smsawyer@ucdavis.edu	4	Fall & Winter	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.	Undergraduate	Anthropology	College of Letters and Science
ANT 159	Disease Outbreaks in Humans and Other Primates	https://catalog.ucdavis.edu/courses-subject-code/ant/#~:text=Disease%20Outbreaks%20in%20Humans%20and%20Other%20Primates	Changes by Quarter		4	Spring	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.	Undergraduate	Anthropology	College of Letters and Science
ARE 176	Environmental Economics	https://catalog.ucdavis.edu/courses-subject-code/are/#~:text=ARE%20176%20E2%80%94,Environmental%20Economics,-(4%20units)	Jamie Nicole Hansen-Lewis, Ph.D	jhansenlewis@ucdavis.edu	4	Winter	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.	Undergraduate	Agricultural & Resource Econ	College of Agricultural & Environmental Sciences
ASA 132	Health Issues Confronting Asian Americans & Pacific Islanders	https://catalog.ucdavis.edu/courses-subject-code/asa/#~:text=ASA%20132%20E2%80%94,Health%20Issues%20Confronting%20Asian%20Americans%20%26%20Pacific%20Islanders,-(4%20units)	Changes by Quarter		4	Fall	Health issues confronting Asian Americans & Pacific Islanders.	Undergraduate	Asian American Studies	College of Letters and Science
ATM 005	Global Climate Change	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=Global%20Climate%20Change	Adele Igel, Ph.D	aigel@ucdavis.edu	3	Fall	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.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences
ATM 006	Fundamentals of Atmospheric Pollution	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=Fundamentals%20of%20Atmospheric%20Pollution	Changes by Quarter		3	Spring	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.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences
ATM 060	Introduction to Atmospheric Science	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=Introduction%20to%20Atmospheric%20Science	Ian Faloona, Ph.D	icfaloona@ucdavis.edu	4	Fall	Fundamental principles of the physics, chemistry, and fluid dynamics underlying weather and climate. Solar radiation, the greenhouse effect, and the thermal budget of the Earth. Clouds and their formation, convection, precipitation, mid-latitude storm systems.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences
ATM 115	Hydroclimatology	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=ATM%20115%20E2%80%94,Hydroclimatology,-(3%20units)	Changes by Quarter		3	Spring	Examination of climate as the forcing function for the hydrologic system. Emphasis on seasonal variations in the relationship between precipitation and evapotranspiration for meso-scale areas. Watershed modeling of floods and drought for evaluating the effects of climatic fluctuations.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences

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ATM 116	Modern Climate Change	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=Modern%20Climate%20Change	Cort Anatasio, Ph.D	canastasio@ucdavis.edu	3	Fall	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.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences
ATM 149N	Air Pollution	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=ATM%20149N%20%E2%80%94Air%20Pollution%20(4%20units)	Changes by Quarter		4	Winter	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.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences
ATM 215	Advance Hydroclimatology	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=Advanced%20Hydroclimatology	Changes by Quarter		3	Varies	Theoretical and applied aspects of energy and mass fluxes linking the earth's surface, atmosphere, and hydrologic system. Emphasis on regional scale analysis and modeling, spatial data representation, and climate change influences on precipitation and its hydroclimatic expression.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences
ATM 245	Climate Change Science & Impacts	https://catalog.ucdavis.edu/courses-subject-code/atm/#~:text=Climate%20Change%20Science%20%26%20Impacts	Erwan Monier, Ph.D	emonier@ucdavis.edu	4	Fall	Overview of climate change science with a focus on climate change communication. Impacts of climate change on water, agriculture, energy, health, infrastructure, ecosystem services, tribal and indigenous communities. Climate justice, political, societal, and economic dimensions of these issues.	Undergraduate	Atmospheric Science	College of Agricultural & Environmental Sciences
BIM 145	Immuno-Engineering	https://catalog.ucdavis.edu/courses-subject-code/bim/#~:text=BIM%20145%20%E2%80%94Immuno%20Engineering%20(4%20units)	Changes by Quarter		4	Winter	Basic immunology and immunological tools. Survey of current immuno-therapeutic strategies. Ongoing research efforts to engineer the immune system for positive diagnostic and therapeutic outcomes.	Undergraduate	Biomedical Engineering	College of Engineering
BIM 151	Computational Tools & Applications in Bioengineering & Biomedicine	https://catalog.ucdavis.edu/courses-subject-code/bim/#~:text=Computational%20Tools%20%26%20Applications%20in%20Bioengineering%20%26%20Biomedicine	Leonor Saiz, Ph.D	lsaiz@ucdavis.edu	4	Winter	State-of-the-art computational tools and methods for biomolecular systems in bioengineering and biomedicine applications. Foundations, methods, and tools for the design of aptamers in biosensor applications, design of cancer vaccines, identification of therapeutic targets in cancer pathways, control of signal transduction networks disrupted in disease, and design of transcriptional programs for genetic engineering.	Undergraduate	Biomedical Engineering	College of Engineering
BIM 217	Mechanobiology in Health & Disease	https://catalog.ucdavis.edu/courses-subject-code/bim/#~:text=Mechanobiology%20in%20Health%20%26%20Disease	Anthony Passerini, Ph.D	agpasserini@ucdavis.edu	4	Winter	Principles by which biomechanical forces affect cell and tissue function to impact human health and disease. Emphasis on cardiovascular system: structure and function, biofluid mechanics and mechanotransduction, disease mechanisms and research methods. Cartilage, bone and other systems; current topics discussed.	Undergraduate	Biomedical Engineering	College of Engineering
CAR 220	Basic Science in Cardiology	https://catalog.ucdavis.edu/courses-subject-code/car/#~:text=Basic%20Science%20in%20Cardiology	Changes by Quarter		1	Spring	Fundamentals underlying cardiovascular medicine. Including hemodynamics, neural control of the circulation, biochemistry and some experimental design and statistics. Experts in each of these fields will give current information in their areas.	Graduate	Cardiology	School of Medicine
CHA 101	Human Gross Anatomy	https://catalog.ucdavis.edu/courses-subject-code/cha/#~:text=CHA%20101%20%E2%80%94Human%20Gross%20Anatomy%20(4%20units)	Douglas Gross, Ph.D	dsgross@ucdavis.edu	4	Winter	Detailed study of the gross anatomical structure of the human body, with emphasis on function and clinical relevance to students entering health care professions.	Undergraduate	Cell Biology & Human Anatomy	School of Medicine
CHI 021	Chicana/o & Latina/o Health Care Issues	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=CHI%20021%20%E2%80%94Chicana/o%20%26%20Latina/o%20Health%20Care%20Issues%20(4%20units)	Clarissa Rojas, Ph.D	clarojas@ucdavis.edu	4	Winter	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 021S	Chicana/o & Latina/o Health Care Issues	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=CHI%20021S%20%E2%80%94Chicana/o%20%26%20Latina/o%20Health%20Care%20Issues%20(4%20units)	Clarissa Rojas, Ph.D	clarojas@ucdavis.edu	4	Winter	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 040	Comparative Health: Top Leading Causes of Death	Link to Course Catalog	Alvaro Medel-Herrero, Ph.D	amedelherrero@ucdavis.edu	4	Varies	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 040S	Comparative Health: Top Leading Causes of Death	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Comparative%20Health%20Leading%20Causes%20of%20Death	Alvaro Medel-Herrero, Ph.D	amedelherrero@ucdavis.edu	4	Varies	Introduction to epidemiology of leading causes of death for ethnic/racial minorities. Assessment of disproportionate rates at which ethnic/racial minorities suffer & die from chronic and infectious diseases & injuries & statistical methods used to calculate these rates. All course instruction in Spanish.	Undergraduate	Chicano Studies	College of Letters and Science

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CHI 042	Food Justice: Chicana/o & Indigenous Communities	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Food%20Justice%3A%20Chicana/o%20%26%20Indigenous%20Communities	Susy Zepeda, Ph.D	szepeda@ucdavis.edu	4	Spring	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 112	Globalization, Transnational Migration, & Chicana/o & Latina/o Communities	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Globalization%2C%20Transnational%20Migration%2C%20%26%20Chicana/o%20%26%20Latina/o%20Communities	Lisceth Brazil-Cruz, Ph.D	lizcruz@ucdavis.edu	4	Spring & Winter	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 114	Women of Color Reproductive Health & Reproductive Politics in a Global Perspective	Link to Course Catalog	Natalia Ines Deeb Sossa, Ph.D	ndeebsossa@ucdavis.edu	4	Winter	Study contemporary issues in reproductive health and reproductive politics, both globally and in the U.S., for women of color.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 114S	Women of Color Reproductive Health & Reproductive Politics in a Global Perspective	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Women%20of%20Color%20Reproductive%20Health%20%26%20Gender%20Politics%20in%20Cuba%20%26%20the%20U.S.	Natalia Ines Deeb Sossa, Ph.D	ndeebsossa@ucdavis.edu	4	Winter	Study of contemporary issues in reproductive health, reproductive politics, and gender politics both in Cuba and in the U.S., for women of color. All course instruction in Spanish.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 121	Chicana/o Community Mental Health	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Chicana/o%20Community%20Mental%20Health	Monica Torreiro-Casal	mtorreirocasal@ucdavis.edu	4	Fall	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 122	Psychology Perspectives Chicana/o & Latina/o Family	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=CHI%20122%20E2%80%94Psychology%20Perspectives%20Chicana/o%20%26%20Latina/o%20Family%20(4%20units)	Monica Torreiro-Casal	mtorreirocasal@ucdavis.edu	4	Winter	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 122S	Psychology Perspectives Chicana/o & Latina/o Family	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=CHI%20122S%20E2%80%94Psychology%20Perspectives%20Chicana/o%20%26%20Latina/o%20Family%20(4%20units)	Monica Torreiro-Casal	mtorreirocasal@ucdavis.edu	4	Winter	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 125S	Latino Families in the Age of Globalization: Migration & Transculturation	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Latino%20Families%20in%20the%20Age%20of%20Globalization%3A%20Migration%20%26%20Transculturation	Natalia Ines Deeb Sossa, Ph.D	ndeebsossa@ucdavis.edu	4	Winter	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 140A	Quantitative Methods: Chicano/Latino Health Research	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Quantitative%20Methods%3A%20Chicano/Latino%20Health%20Research	Alvaro Medel-Herrero, Ph.D	amedelherrero@ucdavis.edu	4	Winter	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 141V	Community-Based Participatory Research & Chicana/o & Latina/o Health	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=CHI%20141V%20E2%80%94Community%20Based%20Participatory%20Research%20%26%20Chicana/o%20%26%20Latina/o%20Health%20(4%20units)	Lisceth Brazil-Cruz, Ph.D	lizcruz@ucdavis.edu	4	Spring	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.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 145S	BI-National Health	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=CHI%20145S%20E2%80%94Bi%20National%20Health%20(5%20units)	Changes by Quarter		5	Varies	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.	Undergraduate	Chicano Studies	College of Letters and Science

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CHI 146S	Public Health in Latin America	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Public%20Health%20in%20Latin%20America	Changes by Quarter		5	Varies	Critical examination of emerging Public Health issues in Latin America in light of economic, political and social conditions. Contemporary behavioral frameworks used in public health. Includes analysis of clinical medicine and health care systems.	Undergraduate	Chicano Studies	College of Letters and Science
CHI 147S	Indigenous Healing & Biodiversity in Latin America	https://catalog.ucdavis.edu/courses-subject-code/chi/#~:text=Indigenous%20Healing%20%26%20Biodiversity%20in%20Latin%20America	Changes by Quarter		5	Varies	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.	Undergraduate	Chicano Studies	College of Letters and Science
CLH 200	Introduction to Translational Research	https://catalog.ucdavis.edu/courses-subject-code/clh/#~:text=Introduction%20to%20Translational%20Research	Changes by Quarter		1	Fall	Introduction to the CRGG program and overview of major clinical research topics. Overview of basic clinical skills needed to accomplish CRGG mentored research project.	Graduate	Clinical Research	School of Medicine
CLH 201	Strategies for Grant Writing	https://catalog.ucdavis.edu/courses-subject-code/clh/#~:text=Strategies%20for%20Grant%20Writing	Changes by Quarter		2	Varies	Practical skills and strategies to create successful grant proposals in NIH style/format. Generating ideas, identifying and accessing research resources, grant components, specific aims, background and significance, preliminary studies, budgets, and bios. Matriculation through UC system, and resubmissions.	Graduate	Clinical Research	School of Medicine
CLH 202	Introduction to Clinical Research	https://catalog.ucdavis.edu/courses-subject-code/clh/#~:text=Introduction%20to%20Clinical%20Research	Patrick Romano, Ph.D	psromano@ucdavis.edu	3	Fall	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.	Graduate	Clinical Research	School of Medicine
CLH 217	Healthcare Delivery Science - Implementing, Improving, & Disseminating Health Innovations	https://catalog.ucdavis.edu/courses-subject-code/clh/#~:text=Healthcare%20Delivery%20Science%20%26%20Implementing%20Improving%20%26%20Disseminating%20Health%20Innovations	Changes by Quarter		2	Varies	Methods for moving evidence-based interventions into real-world settings. Strategies for communicating information on evidence-based interventions to health practitioners, improvements in healthcare delivery, and techniques to promote the systematic uptake of evidence-based practices into routine care to improve health outcomes.	Graduate	Clinical Research	School of Medicine
CMN 111	Gender Differences in Communication	https://catalog.ucdavis.edu/courses-subject-code/cmnm/#~:text=Gender%20Differences%20in%20Communication	Neha Kumari, Ph.D	nkumari@ucdavis.edu	4	Winter	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.	Undergraduate	Communication	College of Letters and Science
CMN 161	Health Communication	Link to Course Catalog	Soojong Kim, Ph.D	sjokim@ucdavis.edu	4	Winter	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.	Undergraduate	Communication	College of Letters and Science
CMN 189C	Proseminar in Health Communication	https://catalog.ucdavis.edu/courses-subject-code/cmnm/#~:text=Proseminar%20in%20Health%20Communication	Changes by Quarter		4	Varies	Reading, discussion, research, and writing on a selected topic in health communication. Potential topics include health communication design and evaluation, media advocacy, physician-patient interaction, uses of communication technologies in health settings, and health-related advertising.	Undergraduate	Communication	College of Letters and Science
CMN 232	Health Communication	https://catalog.ucdavis.edu/courses-subject-code/cmnm/#~:text=CMN%20232%20%26%20Health%20Communication,-(4%20units)	Changes by Quarter		4	Winter	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.	Graduate	Communication	College of Letters and Science
CRD 200	Planning for Health	https://catalog.ucdavis.edu/courses-subject-code/crd/#~:text=CRD%20200%20%26%20Health,-(4%20units)	Catherine Brinkley, Ph.D	ckbrinkley@ucdavis.edu	4	Spring	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.	Undergraduate	Community & Regional Development	College of Agricultural & Environmental Sciences
CST 204	History & Theory of Sexualities	https://catalog.ucdavis.edu/courses-subject-code/cst/#~:text=History%20%26%20Theory%20of%20Sexualities	Changes by Quarter		4	Winter	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.	Graduate	Cultural Studies	Graduate Studies
EBS 144	Groundwater Hydrology	https://catalog.ucdavis.edu/courses-subject-code/ebs/#~:text=Groundwater%20Hydrology	Thomas Harter, Ph.D	tharter@ucdavis.edu	4	Fall	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.	Undergraduate	Biological Systems Engineering	College of Engineering

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EBS 216	Energy Systems	https://catalog.ucdavis.edu/courses-subject-code/ebs/#~:text=EBS%20216%20%E2%80%94,Energy%20Systems-(4%20units)	Bryan Jenkins, Ph.D	bmjenkins@ucdavis.edu	4	Spring	Theory and application of energy systems. Systems analysis, energy conversion technologies, environmental considerations, economics and system optimization.	Undergraduate	Biological Systems Engineering	College of Engineering
ECI 149N	Air Pollution	https://catalog.ucdavis.edu/courses-subject-code/eci/#~:text=ECI%20149N%20%E2%80%94,Air%20Pollution-(4%20units)	Changes by Quarter		4	Varies	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.	Undergraduate	Civil & Environmental Engineering	College of Engineering
ECL 200AN	Principles & Applications of Ecology	https://catalog.ucdavis.edu/courses-subject-code/eci/#~:text=ECL%20200AN%20%E2%80%94,Principles%20%26%20Applications%20of%20Ecology-(5%20units)	Fernanda Valdovinos, Ph.D	fvaldovinos@ucdavis.edu	5	Fall	Covers principles of community structure and functioning, species diversity patterns, ecosystem ecology and biogeochemistry, landscape ecology, biogeography and phylogenetics.	Undergraduate	Ecology	College of Agricultural & Environmental Sciences
ECL 245	Climate Change Science & Impacts	https://catalog.ucdavis.edu/courses-subject-code/eci/#~:text=Climate%20Change%20Science%20%26%20Impacts	Erwan Monier, Ph.D	emonier@ucdavis.edu	4	Fall	Overview of climate change science with a focus on climate change communication. Impacts of climate change on water, agriculture, energy, health, infrastructure, ecosystem services, tribal and indigenous communities. Climate justice, political, societal, and economic dimensions of these issues.	Undergraduate	Ecology	College of Agricultural & Environmental Sciences
ECN 133Y	Poverty, Inequality, & Public Policy	https://catalog.ucdavis.edu/courses-subject-code/ecn/#~:text=Poverty%2C%20Inequality%20%26%20Public%20Policy	Changes by Quarter		4	Varies	Examination of the economics of poverty and inequality in the United States, including measurement, trends, and related policies.	Undergraduate	Economics	College of Letters and Science
ENL 054	Literature, Health, & Medicine	https://catalog.ucdavis.edu/courses-subject-code/enl/#~:text=Literature%2C%20Health%2C%20%26%20Medicine	Changes by Quarter		3	Varies	Literary and cultural representations of health and medicine in relation to issues of race, gender, sexuality, and disability. Narratives and reading practices that provide complex accounts of the social determinants of health, contested understandings of illness, and critical perspectives on biomedicine.	Undergraduate	English	College of Letters and Science
ENL 057	Literatures of Climate Change	https://catalog.ucdavis.edu/courses-subject-code/enl/#~:text=Literatures%20of%20Climate%20Change	Changes by Quarter		3	Varies	Readings in English-language climate change literature from around the world. Narratives of climate migration, adaptation, and geopolitical upheaval. Use of innovative literary forms and genres for representing the scale and impacts of global warming. Comparison of scientific and fictional scenarios.	Undergraduate	English	College of Letters and Science
ENV 200A	Climate Change Impacts, Mitigation, & Natural Resources Management	https://catalog.ucdavis.edu/courses-subject-code/env/#~:text=Climate%20Change%20Impacts%2C%20Mitigation%2C%20%26%20Natural%20Resources%20Management	Eric Post, Ph.D	post@ucdavis.edu	4	Fall	Major topics in environmental sciences, with emphasis on climate change impacts on natural and human managed systems.	Graduate	Environmental Policy & Management	Graduate Studies
EPI 202	Quantitative Epidemiology I: Probability	https://catalog.ucdavis.edu/courses-subject-code/epi/#~:text=Quantitative%20Epidemiology%20%3A%20Probability	Danielle Harvey, Ph.D	djharvey@ucdavis.edu	5	Fall	Foundations in probability for epidemiologists. Emphasis on properties of and relationships between distributions and application of probability concepts to epidemiology. Includes a mathematical skills laboratory to assist in solution of epidemiologic problems.	Graduate	Epidemiology	Graduate Studies
EPI 205	Principles of Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/epi/#~:text=Principles%20of%20Epidemiology	Changes by Quarter		4	Fall	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.	Graduate	Epidemiology	Graduate Studies
EPI 209	History of Epidemiology in Public Health	https://catalog.ucdavis.edu/courses-subject-code/epi/#~:text=History%20of%20Epidemiology%20in%20Public%20Health	Irva Hertz-Picciotto, Ph.D	ihp@ucdavis.edu	2	Winter	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.	Graduate	Epidemiology	Graduate Studies
EPI 212	Infectious Disease Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/epi/#~:text=EPI%20212%20%E2%80%94,Infectious%20Disease%20Epidemiology-(3%20units)	Changes by Quarter		3	Varies	Basic and advanced level of conceptual and methodological foundations in infectious disease epidemiology necessary for veterinarians to develop and evaluate programs for detection, prevention, and control of infectious diseases in animal populations.	Graduate	Epidemiology	Graduate Studies
EPI 231	Infectious Disease Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/epi/#~:text=EPI%20231%20%E2%80%94,Infectious%20Disease%20Epidemiology-(3%20units)	Changes by Quarter		3	Varies	Infectious disease epidemiology and prevention, with emphasis on human and veterinary diseases of global health importance. Major global health epidemics and challenges of infectious diseases, by mode of transmission.	Graduate	Epidemiology	Graduate Studies

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EPI 251	Environmental Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/epi/#~:text=Environmental%20Epidemiology	Changes by Quarter		3	Varies	Examination of the human health effects and the risk of disease from community, occupational, and personal exposure to toxic substances.	Graduate	Epidemiology	Graduate Studies
EPI 260	Epidemiology of Chronic Diseases & Aging	https://catalog.ucdavis.edu/courses-subject-code/epi/#~:text=Epidemiology%20of%20Chronic%20Diseases%20%26%20Aging	Changes by Quarter		3	Varies	Overview of the epidemiology of chronic disease in old age. Topics include biology of aging, epidemiology of cardiovascular disease, neoplasms, osteoporosis and fractures, psychosocial factors and health in old age, dementias, functional status and prevention of disease.	Graduate	Epidemiology	Graduate Studies
ESM 008	Water Quality at Risk	https://catalog.ucdavis.edu/courses-subject-code/esm/#~:text=Water%20Quality%20at%20Risk	Peter Hernes, Ph.D	pjhernes@ucdavis.edu	3	Winter	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.	Undergraduate	Environmental Science & Management	College of Agricultural & Environmental Sciences
ESM 120	Global Environmental Interactions	https://catalog.ucdavis.edu/courses-subject-code/esm/#~:text=Global%20Environmental%20Interactions	Changes by Quarter		4	Winter	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.	Undergraduate	Environmental Science & Management	College of Agricultural & Environmental Sciences
ESM 121	Water Science & Management	https://catalog.ucdavis.edu/courses-subject-code/esm/#~:text=Water%20Science%20%26%20Management	Samuel Solis, Ph.D	samsandoval@ucdavis.edu	3	Spring	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.	Undergraduate	Environmental Science & Management	College of Agricultural & Environmental Sciences
ESM 131	Air as a Resource	https://catalog.ucdavis.edu/courses-subject-code/esm/#~:text=ESM%20131%20%26%20Air%20as%20a%20Resource.(3%20units)	Qi Zhang, Ph.D	dkwzhang@ucdavis.edu	3	Winter	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.	Undergraduate	Environmental Science & Management	College of Agricultural & Environmental Sciences
ESP 101	Ecology, Nature, & Society	https://catalog.ucdavis.edu/courses-subject-code/esp/#~:text=Ecology%2C%20Nature%2C%20%26%20Society	Changes by Quarter		4	Spring	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.	Undergraduate	Environmental Science & Policy	College of Agricultural & Environmental Sciences
ESP 104	Community Ecology	https://catalog.ucdavis.edu/courses-subject-code/esp/#~:text=ESP%20104%20%26%20Community%20Ecology.(4%20units)	Changes by Quarter		4	Varies	Population growth and density dependence; predation; exploitative, interference and apparent competition; mutualism and facilitation; coexistence mechanisms; niches, spatial and temporal variation etc. Emphasis on quantitative understanding through models, concepts, and empirical evidence.	Undergraduate	Environmental Science & Policy	College of Agricultural & Environmental Sciences
ESP 110	Principles of Environmental Science	https://catalog.ucdavis.edu/courses-subject-code/esp/#~:text=Principles%20of%20Environmental%20Science	John Largier, Ph.D	jlargier@ucdavis.edu	4	Winter	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.	Undergraduate	Environmental Science & Policy	College of Agricultural & Environmental Sciences
ESP 165	Climate Policy	https://catalog.ucdavis.edu/courses-subject-code/esp/#~:text=ESP%20165%20%26%20Climate%20Policy.(3%20units)	Michael Springborn, Ph.D	mspringborn@ucdavis.edu	4	Fall	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.	Undergraduate	Environmental Science & Policy	College of Agricultural & Environmental Sciences
ESP 174	Environmental Justice Policy & Practice	https://catalog.ucdavis.edu/courses-subject-code/esp/#~:text=Environmental%20Justice%20Policy%20%26%20Practice	Jesus Barajas, Ph.D	jmbarajas@ucdavis.edu	4	Spring	History and frameworks of environmental justice; environmental justice policy; methods of spatial analysis. Emphasis on California and the United States.	Undergraduate	Environmental Science & Policy	College of Agricultural & Environmental Sciences
ETX 010	Introduction to Environmental Toxicology	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Introduction%20to%20Environmental%20Toxicology	Margaret Merrill, Ph.D	mmerrill@ucdavis.edu	3	Winter	Hazardous substances, their effects on humans and their actions and movement in the environment. Emphasis on substances of current concern.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 030	Chemical & drug Use & Abuse	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Chemical%20%26%20Drug%20Use%20%26%20Abuse	Matthew Wood, Ph.D	mijwood@ucdavis.edu	3	Winter	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.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 040	Contaminants in Our Environment	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Contaminants%20in%20Our%20Environment	Brett Poulin, Ph.D	bapoulin@ucdavis.edu	3	Winter	Contaminants in the environment (air, water, and soil) that influence the health of the environment, wildlife, and humans. An emphasis on contaminant properties, sources, and movement, public policy, and applying quantitative reasoning.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences

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ETX 101	Principles of Environmental Toxicology	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Principles%20of%20Environmental%20Toxicology	Matthew Wood, Ph.D	mjwood@ucdavis.edu	4	Fall	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.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 102A	Environmental Fate of Toxicants	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Environmental%20Fate%20of%20Toxicants	Tran Nguyen, Ph.D	tbn@ucdavis.edu	4	Winter	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.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 103A	Biological Effects of Toxicants	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=ETX%20103A%20F2%80%94,Biological%20Effects%20of%20Toxicants.(4%20units)	Sascha Nicklisch, Ph.D		4	Winter	Biological effects of toxic substances in living organisms. Metabolism, cellular and tissue targets, mechanisms of action, and pathological effects.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 110	Toxic Tragedies & Their Impact on Society	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Toxic%20Tragedies%20%26%20Their%20Impact%20on%20Society	Robert Rice, Ph.D	rrhice@ucdavis.edu	2	Winter	Examination of toxic tragedies, their origins, consequences, and effects on toxic regulation.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 120	Perspectives in Aquatic Toxicology	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Perspectives%20in%20Aquatic%20Toxicology	Changes by Quarter		4	Winter	Toxic substances, their fate in marine and freshwater systems, and their effects on aquatic organisms, populations, and ecosystems. Emphasis on substances and issues of current concern.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 128	Food Toxicology	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=ETX%20128%20F2%80%94,Food%20Toxicology.(3%20units)	Sascha Nicklisch, Ph.D		3	Spring	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.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 131	Environmental Toxicology of Air Pollutants	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Environmental%20Toxicology%20of%20Air%20Pollutants	Norman Kado, Ph.D	nykado@ucdavis.edu	3	Fall	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.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 140	Genes & the Environment	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Genes%20%26%20the%20Environment	Changes by Quarter		3	Varies	Evaluation of evidence that human health and disease susceptibility result from complex interactions between genes and the environment. Critical thinking through problem solving using the scientific method with examples of cancer, metabolic, cardiovascular, and neurological health outcomes related to environmental and genetic risk factors and mechanisms.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
ETX 250	Reproductive Toxicology	https://catalog.ucdavis.edu/courses-subject-code/etx/#~:text=Reproductive%20Toxicology	Changes by Quarter		3	Varies	Application of toxicological principles in reproductive studies. Effects of toxicants on the male, female, and developing embryo/fetus. Critical evaluation of reproductive toxicity studies and development of mechanistic approaches to understanding how chemical exposure can adversely affect reproduction.	Undergraduate	Environmental Toxicology	College of Agricultural & Environmental Sciences
EVE 020	Darwinian Medicine	https://catalog.ucdavis.edu/courses-subject-code/eve/#~:text=EVE%20020%20F2%80%94,Darwinian%20Medicine.(3%20units)	Changes by Quarter		3	Varies	Introduction for non-biologists to the evolved traits of humans and pathogens that influence human biological variation, health, and disease.	Undergraduate	Evolution & Ecology	College of Biological Sciences
EVE 104	Community Ecology	https://catalog.ucdavis.edu/courses-subject-code/eve/#~:text=EVE%20104%20F2%80%94,Community%20Ecology.(4%20units)	Fernanda Valdovinos, Ph.D	fvaldovinos@ucdavis.edu	4	Fall	Population growth and density dependence; predation; exploitative, interference and apparent competition; mutualism and facilitation; coexistence mechanisms; niches, spatial and temporal variation etc. Emphasis on quantitative understanding through models, concepts, and empirical evidence.	Undergraduate	Evolution & Ecology	College of Biological Sciences
EVE 120	Global Change Ecology	https://catalog.ucdavis.edu/courses-subject-code/eve/#~:text=Global%20Change%20Ecology	Donald Strong, Ph.D	drstrong@ucdavis.edu	3	Winter	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.	Undergraduate	Evolution & Ecology	College of Biological Sciences
EXB 106	Human Gross Anatomy	https://catalog.ucdavis.edu/courses-subject-code/exb/#~:text=EXB%20106%20F2%80%94,Human%20Gross%20Anatomy.(4%20units)	Douglas Gross, Ph.D	dsgross@ucdavis.edu	4	Winter	Detailed study of the gross anatomical structure of the human body, with emphasis on function and clinical relevance to students entering health care professions.	Undergraduate	Exercise Biology	College of Biological Sciences
FAP 092C	Primary Care Clinic	https://catalog.ucdavis.edu/courses-subject-code/fap/#~:text=FAP%20092C%20F2%80%94,Primary%20Care%20Clinic.(2%20units)	Changes by Quarter		2	Fall & Spring	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.	Undergraduate	Family Practice	School of Medicine

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FAP 195	Health Care to Underserved Populations	https://catalog.ucdavis.edu/courses-subject-code/fap/#~:text=FAP%20195%20E2%80%94,Health%20Care%20to%20Underserved%20Populations,(1%20unit)	Kris Srinivasan, Ph.D	ksrinivasan@ucdavis.edu	1	Spring & Winter	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.	Undergraduate	Family Practice	School of Medicine
FAP 411	Selected Studies of Systems for Chronic Illness Care	https://catalog.ucdavis.edu/courses-subject-code/fap/#~:text=Selected%20Studies%20of%20Systems%20for%20Chronic%20Illness%20Care	Changes by Quarter		3	Varies	Understanding of chronic illness, particularly diabetes, participate in patient care, alternative techniques.	Graduate	Family Practice	School of Medicine
FST 001	Principles of Food Science	https://catalog.ucdavis.edu/courses-subject-code/fst/#~:text=Principles%20of%20Food%20Science	Bwalya Lungu, Ph.D	blungu@ucdavis.edu	3	Spring	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.	Undergraduate	Food Science & Technology	College of Agricultural & Environmental Sciences
FST 106	Food Chemistry for Clinical Nutrition	https://catalog.ucdavis.edu/courses-subject-code/fst/#~:text=Food%20Chemistry%20for%20Clinical%20Nutrition	Carolyn Slupsky, Ph.D	cslupsky@ucdavis.edu	5	Fall	Chemical and physical principles that influence functional properties, nutrient content, safety, and sensory aspects of food. Emphasis on the application of these concepts in clinical nutrition.	Undergraduate	Food Science & Technology	College of Agricultural & Environmental Sciences
GDB 090	Introduction to Global Disease Biology	https://catalog.ucdavis.edu/courses-subject-code/gdb/#~:text=Introduction%20to%20Global%20Disease%20Biology	David Rizzo, Ph.D	dmrizzo@ucdavis.edu	1	Fall & Winter	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.	Undergraduate	Global Disease Biology	College of Agricultural & Environmental Sciences
GDB 101	Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/gdb/#~:text=GDB%20101%20E2%80%94,Epidemiology,(4%20units)	Neil McRoberts, Ph.D	nmcroberts@ucdavis.edu	4	Winter	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.	Undergraduate	Global Disease Biology	College of Agricultural & Environmental Sciences
GDB 187	Global Disease Biology Seminar	https://catalog.ucdavis.edu/courses-subject-code/gdb/#~:text=Global%20Disease%20Biology%20Seminar	Sara Dye, Ph.D	smrobinson@ucdavis.edu	3	Winter	Seminar leading to development of the research proposal and academic plan for the Global Disease Biology major.	Undergraduate	Global Disease Biology	College of Agricultural & Environmental Sciences
GEL 002	Earth System Science	https://catalog.ucdavis.edu/courses-subject-code/gel/#~:text=GEL%20002%20E2%80%94,Earth%20System%20Science,(3%20units)	Isabel Montanez, Ph.D	ipmontanez@ucdavis.edu	3	Spring	Solid and fluid earth and its place in the solar system. How the solid earth interacts with the atmosphere, hydrosphere, biosphere, and extraterrestrial environment.	Undergraduate	Geology	College of Letters and Science
GEL 010	Modern & Ancient Global Environmental Change	https://catalog.ucdavis.edu/courses-subject-code/gel/#~:text=Modern%20%26%20Ancient%20Global%20Environmental%20Change	Isabel Montanez, Ph.D	ipmontanez@ucdavis.edu	3	Fall	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.	Undergraduate	Geology	College of Letters and Science
GEO 260	Global Political Ecology	https://catalog.ucdavis.edu/courses-subject-code/geo/#~:text=Global%20Political%20Ecology	Changes by Quarter		4	Varies	Background, genesis, current debates in political ecology. Examination of political-economic and social-cultural causes of environmental change. Introduction to development theory, globalization, history of science and power/knowledge. Cases of social movements, justice, resistance, gender, race and class. Focus outside North America.	Graduate	Geography	College of Letters and Science
GGG 201C	Molecular Genetic Mechanisms in Disease	https://catalog.ucdavis.edu/courses-subject-code/ggg/#~:text=Molecular%20Genetic%20Mechanisms%20in%20Disease	Changes by Quarter		4	Varies	Exploration of how basic mechanisms of molecular biology contribute to health and disease. Diseases related to animals, plants, and microbes will highlight fundamental concepts in the assembly, function and regulation of DNA, RNA, and protein.	Undergraduate	Genetics	College of Agricultural & Environmental Sciences
GGG 280	Genetics, Racism, & Inequality	https://catalog.ucdavis.edu/courses-subject-code/ggg/#~:text=Genetics%2C%20Racism%2C%20%26%20Inequality	Changes by Quarter		2	Varies	Issues of diversity, equity, and inclusion in the context of the science of genetics. Association between theories of race, genetic science, and racism. Impact of and responses to bias and lack of diversity in science.	Undergraduate	Genetics	College of Agricultural & Environmental Sciences
GMD 291	Seminars in Human Health Services Research & Clinical Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/gmd/#~:text=Seminars%20in%20Human%20Health%20Services%20Research%20%26%20Clinical%20Epidemiology	Jeffrey Hoch, Ph.D	jshoch@health.ucdavis.edu	1	Winter	Critical review, evaluation, and discussion of research in health services and clinical epidemiology. Presentation of statistical, epidemiologic, and econometric methods. Students present their own research and critique the work of others.	Undergraduate	General Medicine	School of Medicine

Class Code	Class Title	Link	Instructor Name	Instructor Contact Information	Units	Quarter/Semester Offered	Description	Course Level (Undergrad, Grad, etc.)	Host Department	Host College/School
GSW 070	Theory & History of Sexualities	https://catalog.ucdavis.edu/courses-subject-code/gsw/#~:text=Theory%20%26%20History%20of%20Sexualities	Changes by Quarter		4	Winter	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.	Undergraduate	Gender, Sexuality, & Women's Studies	College of Letters and Science
GSW 102	Colonialism	https://catalog.ucdavis.edu/courses-subject-code/gsw/#~:text=GSW%20102%20%E2%80%94,Colonialism-(4%20units)	Amina Mama, Ph.D	amama@ucdavis.edu	4	Fall	Changing configurations of gender, class, culture and sexuality in colonial pacification and anti-colonial resistance in diverse societies.	Undergraduate	Gender, Sexuality, & Women's Studies	College of Letters and Science
GSW 148	Science , Gender, & Social Justice	https://catalog.ucdavis.edu/courses-subject-code/gsw/#~:text=Science%20%20Gender%20%26%20Social%20Justice	Christoph Hanssmann, Ph.D	chanssmann@ucdavis.edu	4	Spring	Critical reading and reflection on the history and practice 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.	Undergraduate	Gender, Sexuality, & Women's Studies	College of Letters and Science
HDE 012	Human Sexuality	https://catalog.ucdavis.edu/courses-subject-code/hde/#~:text=HDE%20012%20%E2%80%94,Human%20Sexuality-(3%20units)	Lisa Rapalyea, Ph.D	llrapalyea@ucdavis.edu	3	Fall	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.	Undergraduate	Human Development	College of Agricultural & Environmental Sciences
HDE 100A	Infancy & Early Childhood	https://catalog.ucdavis.edu/courses-subject-code/hde/#~:text=HDE%20100A%20%E2%80%94,Infancy%20%26%20Early%20Childhood-(4%20units)	Anne Iaccopucci, Ph.D	amiaccopucci@ucdavis.edu	4	Fall & Winter	Biological, social, and cultural influences in the psychological growth and development of children, prenatal through age six. Two observations of preschool children required.	Undergraduate	Human Development	College of Agricultural & Environmental Sciences
HDE 110	Families in Communities	https://catalog.ucdavis.edu/courses-subject-code/hde/#~:text=HDE%20110%20%E2%80%94, Families%20in%20Communities-(4%20units)	Lisa Rapalyea, Ph.D	llrapalyea@ucdavis.edu	4	Winter	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.	Undergraduate	Human Development	College of Agricultural & Environmental Sciences
HDE 134	Disparities & Inequalities in Health & Wellbeing	https://catalog.ucdavis.edu/courses-subject-code/hde/#~:text=Disparities%20%26%20Inequalities%20in%20Health%20%26%20Wellbeing	Leigh Ann Simmons, Ph.D	lasimm@ucdavis.edu	4	Spring	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.	Undergraduate	Human Development	College of Agricultural & Environmental Sciences
HDE 137	Context Determinants of Health	https://catalog.ucdavis.edu/courses-subject-code/hde/#~:text=HDE%20137%20%E2%80%94,Contextual%20Determinants%20of%20Health-(4%20units)	Rose Kagawa, Ph.D	rkagawa@ucdavis.edu	4	Winter	Community, cultural, political, and physical environment influences on health and well-being. Developmental approach. Unique contextual determinants of health from womb to tomb.	Undergraduate	Human Development	College of Agricultural & Environmental Sciences
HIS 013	Global Sexualities	https://catalog.ucdavis.edu/courses-subject-code/his/#~:text=HIS%20013%20%E2%80%94,Global%20Sexualities-(4%20units)	Corrie Decker, Ph.D	crdecker@ucdavis.edu	4	Spring & Winter	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.	Undergraduate	History	College of Letters and Science
HIS 019	Migration & Borders in Global History	https://catalog.ucdavis.edu/courses-subject-code/his/#~:text=Migration%20%26%20Borders%20in%20Global%20History	Stacy Farenthold, Ph.D	sfarenthold@ucdavis.edu	4	Winter	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.	Undergraduate	History	College of Letters and Science
HIS 107	Medicine's Histories: Human & Veterinary Medicine from the Ancient World to One Health	https://catalog.ucdavis.edu/courses-subject-code/his/#~:text=Medicine%27s%20Histories%3A%20Human%20%26%20Veterinary%20Medicine%20from%20the%20Ancient%20World%20to%20One%20Health	Diana Davis, Ph.D	geovet@ucdavis.edu	4	Fall	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.	Undergraduate	History	College of Letters and Science
HIS 108	Global Environmental History	https://catalog.ucdavis.edu/courses-subject-code/his/#~:text=Global%20Environmental%20History	Changes by Quarter		4	Varies	Global, comparative study of how environmental change, human perceptions of nature, and manipulations of nature have changed over time. Primary focus post-1500, emphasis on critically analyzing many common ideas of environmental change.	Undergraduate	History	College of Letters and Science

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HIS 109	Environmental Change, Disease & Public Health	https://catalog.ucdavis.edu/courses-subject-code/his/#~:text=Environmental%20Change%2C%20Disease%20%26%20Public%20Health	Diana Davis, Ph.D	geovet@ucdavis.edu	4	Fall	Analysis of environmental changes from pre-history to the present and their influence on disease distribution, virulence and public health. Focus on critical study of many human-driven environmental changes and the accelerated transformation/spread of pathogens under globalization.	Undergraduate	History	College of Letters and Science
HMR 001	Human Wrongs/Human Rights	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=Human%20Wrongs/Human%20Rights	Keith Watenpau, Ph.D	kwatenpau@ucdavis.edu	4	Fall	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.	Undergraduate	Human Rights	College of Letters and Science
HMR 131	Genocide	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=HMR%20131%20%2F%20%2F%20Genocide%20%2F%20%2F%20	Keith Watenpau, Ph.D	kwatenpau@ucdavis.edu	4	Winter	Comparative and critical study of the modern phenomenon of genocide from religious, ethical and historical perspectives.	Undergraduate	Human Rights	College of Letters and Science
HMR 132	Human Rights	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=Human%20Rights%20%26%20the%20Refugee	Changes by Quarter		4	Varies	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.	Undergraduate	Human Rights	College of Letters and Science
HMR 134	Human Rights & the Refugee	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=HMR%20134%20%2F%20%2F%20Human%20Rights%20%2F%20%2F%20	Keith Watenpau, Ph.D	kwatenpau@ucdavis.edu	4	Fall & Spring	Introduction to the interdisciplinary study of the origins, evolution, denial and protection of Human Rights.	Undergraduate	Human Rights	College of Letters and Science
HMR 136	Human Rights in the Middle East	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=Human%20Rights%20in%20the%20Middle%20East	Keith Watenpau, Ph.D	kwatenpau@ucdavis.edu	4	Winter	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-Israeli conflict; history of genocide, mass killing and totalitarianism in the region.	Undergraduate	Human Rights	College of Letters and Science
HMR 138	Human Rights, Gender, & Sexuality	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=Human%20Rights%2C%20Gender%2C%20%26%20Sexuality	Changes by Quarter		4	Fall	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.	Undergraduate	Human Rights	College of Letters and Science
HMR 160	Human Rights & indigenous Peoples	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=Human%20Rights%20%26%20Indigenous%20Peoples	Changes by Quarter		4	Varies	Interdisciplinary, global, and comparative study of human rights and the history, struggles, revitalization, and current status of indigenous peoples. Topics include the UN Declaration on the Rights of Indigenous People, settler colonialism, genocide, indigenous rights movements, and efforts towards justice, recognition, and restitution.	Undergraduate	Human Rights	College of Letters and Science
HMR 193	Seminar in Global Human Rights	https://catalog.ucdavis.edu/courses-subject-code/hmr/#~:text=Seminar%20in%20Global%20Human%20Rights	Changes by Quarter		4	Varies	Advanced seminar in major global contemporary and historical human rights issues; new and emerging challenges to human rights; new methods and approaches to human rights advocacy in a global context; exploration of career and post-graduate opportunities in human rights practice, advocacy and public/international service.	Undergraduate	Human Rights	College of Letters and Science
HON 199	Research in Hematology-Oncology	https://catalog.ucdavis.edu/courses-subject-code/hon/#~:text=Research%20in%20Hematology%20Oncology	Changes by Quarter		1-5	Winter	Experience in laboratory research.	Graduate	Hematology & Oncology	School of Medicine
HON 420	Oncology	https://catalog.ucdavis.edu/courses-subject-code/hon/#~:text=HON%20420%20%2F%20%2F%20Oncology%20%2F%20%2F%20	Changes by Quarter		4	Varies	Covers the principles of oncology and the pathophysiology of specific, common cancers correlated with organ systems pathophysiology and systemic pathology courses.	Graduate	Hematology & Oncology	School of Medicine
HYD 010	Water, Power, Society	https://catalog.ucdavis.edu/courses-subject-code/hyd/#~:text=Water%2C%20Power%2C%20Society	Peter Hernes, Ph.D	pjhernes@ucdavis.edu	3	Spring	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.	Undergraduate	Hydrologic Science	College of Agricultural & Environmental Sciences
HYD 245	Climate Change Science & Impacts	https://catalog.ucdavis.edu/courses-subject-code/hyd/#~:text=Climate%20Change%20Science%20%26%20Impacts	Erwan Monier, Ph.D	emonier@ucdavis.edu	4	Fall	Overview of climate change science with a focus on climate change communication. Impacts of climate change on water, agriculture, energy, health, infrastructure, ecosystem services, tribal and indigenous communities. Climate justice, political, societal, and economic dimensions of these issues.	Undergraduate	Hydrologic Science	College of Agricultural & Environmental Sciences
IDI 141	Infectious Diseases of Humans	https://catalog.ucdavis.edu/courses-subject-code/idi/#~:text=Infectious%20Diseases%20of%20Humans	Satya Dandekar, Ph.D	sdandekar@ucdavis.edu	1	Fall	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.	Undergraduate	Infectious Diseases	School of Medicine

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IDI 211	Epidemiology & Prevention of Infectious Diseases	https://catalog.ucdavis.edu/courses-subject-code/idi/#~:text=Epidemiology%20%26%20Prevention%20of%20Infectious%20Diseases	Changes by Quarter		3	Spring	Infectious disease epidemiology and prevention, with equal emphasis on human and veterinary diseases. Major categories of infectious diseases by mode of transmission.	Undergraduate	Infectious Diseases	School of Medicine
IDI 440	Introduction to Aids & Related Disorders	https://catalog.ucdavis.edu/courses-subject-code/idi/#~:text=Introduction%20to%20Aids%20%26%20Related%20Disorders	Changes by Quarter		1.5-6	Winter	Familiarizes students with the diagnosis and treatment of individuals infected with the human immunodeficiency virus. Interview patients, observe patient care and participate in ongoing clinic research as well as examine alternative lifestyles.	Graduate	Infectious Diseases	School of Medicine
IMD 090	Seminar in Medical Ethics	https://catalog.ucdavis.edu/courses-subject-code/imd/#~:text=Seminar%20in%20Medical%20Ethics	Changes by Quarter		1	Varies	Seminar Series covering the current topics in Medical Ethics.	Undergraduate	Internal Medicine	School of Medicine
IMD 164	Practicum in Community Health Clinic: Bayanihan Clinic	https://catalog.ucdavis.edu/courses-subject-code/imd/#~:text=Practicum%20in%20Community%20Health%20Clinic%3A%20Bayanihan%20Clinic	Changes by Quarter		1	Varies	Through active participation in the medical aspects of community health clinics, the undergraduate student gains knowledge of the organization, administration, and problem-solving capabilities.	Undergraduate	Internal Medicine	School of Medicine
IMD 414	One Health: A Course on Global Health	https://catalog.ucdavis.edu/courses-subject-code/imd/#~:text=One%20Health%3A%20A%20Course%20on%20Global%20Health	Changes by Quarter		1	Varies	Global health problems are complex and require culturally-sensitive, socially-acceptable, and action-oriented approaches to create practical and cost-effective solutions. Will examine major health problems created by the convergence of human, animal, and environmental influences.	Graduate	Internal Medicine	School of Medicine
IMM 201	Introductory Immunology	https://catalog.ucdavis.edu/courses-subject-code/imm/#~:text=Introductory%20Immunology	Paul Ashwood, Ph.D	pashwood@ucdavis.edu	4	Fall	Comprehensive introduction to the principles of immunology.	Graduate	Immunology	Graduate Studies
IMM 203	Cancer Immunology	https://catalog.ucdavis.edu/courses-subject-code/imm/#~:text=IMM%20203%20%E2%80%94Cancer%20Immunology,-(2%20units)	William Murphy, Ph.D	wmjmurphy@ucdavis.edu	2	Spring	Covers concepts in cancer biology, progression and immune evasion. It will also cover topics such as: immune surveillance, immune effector mechanisms and current concepts in immune therapy.	Graduate	Immunology	Graduate Studies
IRE 001	Global Interdependence	https://catalog.ucdavis.edu/courses-subject-code/ire/#~:text=RE%20001%20%E2%80%94Global%20Interdependence,-(4%20units)	Changes by Quarter		4	Varies	Development of the concept of global interdependence along its political, economic, demographic, cultural, technological, and environmental dimensions. Focus on the ways societies and states interact. Provides the foundation for upper division multidisciplinary work in international relations.	Undergraduate	International Relations	College of Letters and Science
MCB 010	Introduction to Human Heredity	https://catalog.ucdavis.edu/courses-subject-code/mcb/#~:text=Introduction%20to%20Human%20Heredity	Joanne Engerbrecht, Ph.D	jengebrecht@ucdavis.edu	4	Spring & Winter	Topics in human heredity and human gene structure and function, including the genetic basis of human development, causes of birth defects, mental retardation, genetic diseases, sexual determination, development, and behavior.	Undergraduate	Molecular & Cellular Biology	College of Biological Sciences
MCB 023	Biography of Cancer: Past/ Present & Future	https://catalog.ucdavis.edu/courses-subject-code/mcb/#~:text=Biography%20of%20Cancer%3A%20Past%2C%20Present%20%26%20Future	Angelica Guercio, Ph.D	amguercio@ucdavis.edu	3	Spring	Historical account of the progression of cancer treatment, prevention, and human understanding of the biological basis of cancer. Past, present and future social implications of cancer treatment and prevention. May be taught abroad.	Undergraduate	Molecular & Cellular Biology	College of Biological Sciences
MCN 260	Nutrition During Pregnancy	https://catalog.ucdavis.edu/courses-subject-code/mcn/#~:text=Nutrition%20During%20Pregnancy	Christine Stewart, Ph.D	cpstewart@ucdavis.edu	6	Fall	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.	Undergraduate	Maternal & Child Nutrition	College of Agricultural & Environmental Sciences
MCN 261	Lactation & Infant Nutrition	https://catalog.ucdavis.edu/courses-subject-code/mcn/#~:text=Lactation%20%26%20Infant%20Nutrition	Jane Heinig, Ph.D	mjheinig@ucdavis.edu	6	Winter	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.	Undergraduate	Maternal & Child Nutrition	College of Agricultural & Environmental Sciences
MCN 262	Child & Adolescent Nutrition	https://catalog.ucdavis.edu/courses-subject-code/mcn/#~:text=Child%20%26%20Adolescent%20Nutrition	Jane Heinig, Ph.D	mjheinig@ucdavis.edu	6	Fall	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.	Undergraduate	Maternal & Child Nutrition	College of Agricultural & Environmental Sciences
MDS 406	Endocrinology, Nutrition, Reproduction & Genetics	https://catalog.ucdavis.edu/courses-subject-code/mds/#~:text=Endocrinology%2C%20Nutrition%2C%20Reproduction%20%26%20Genetics	Changes by Quarter		9.5	Varies	Basic and pathophysiologic processes involved in human reproductive and endocrine control systems, nutritional regulation, and foundational genetics across the lifespan. Integrate information across these systems and use clinical reasoning process to identify and understand relevant perturbations and diseases.	Graduate	Medical Sciences	School of Medicine

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MDS 443	Global Health ASC	https://catalog.ucdavis.edu/courses-subject-code/mds/#~:text=MDS%20443%20E2%80%94,Global%20Health%20ASC,-(3%206%20units	Changes by Quarter		3-6	Varies	Aimed at furthering student experience with global health. An important step toward addressing global health is to drive learning toward consistent One Health core competencies in medical education and other health sciences.	Graduate	Medical Sciences	School of Medicine
MDS 469	Rx One Health SSM	https://catalog.ucdavis.edu/courses-subject-code/mds/#~:text=MDS%20469%20E2%80%94-Rx%20One%20Health%20SSM,-(6%20units)	Changes by Quarter		6	Varies	Field course in epidemiology and public health leadership.	Graduate	Medical Sciences	School of Medicine
MHI 209N	Consumer Digital Health	https://catalog.ucdavis.edu/courses-subject-code/mhi/#~:text=Consumer%20Digital%20Health	Changes by Quarter		4	Spring	Landscape, technologies, and policies involved in data acquisition, storage and analysis in digital and connected health and consumer health informatics. Models of digital health data monitoring, including clinical, mobile health and telehealth, and theories relevant to health and information behavior by consumers and patients. Design, acquisition and analysis of data in the personal and consumer health ecosystem.	Graduate	Health Informatics	Graduate Studies
MHI 210	Introduction to Health Informatics	https://catalog.ucdavis.edu/courses-subject-code/mhi/#~:text=Introduction%20to%20Health%20Informatics	Changes by Quarter		4	Fall	Overview provides broad exposure to the field of Health Informatics. Topics covered include, but are not limited to, networking, information systems, coding, HL7, Security, and HIPPA.	Graduate	Health Informatics	Graduate Studies
MHI 289E	Clinical Knowledge for the Health Informaticist	https://catalog.ucdavis.edu/courses-subject-code/mhi/#~:text=Clinical%20Knowledge%20for%20the%20Health%20Informaticist	Changes by Quarter		3	Winter	Basic clinical knowledge for health informatics students. Human systems, disease states and conditions, treatments and prognosis.	Graduate	Health Informatics	Graduate Studies
MMG 175	Cancer Biology	https://catalog.ucdavis.edu/courses-subject-code/mmgi/#~:text=MMG%20175%20E2%80%94,Cancer%20Biology,-(3%20units)	Changes by Quarter		3	Varies	Exploration of the causes and treatments of cancer at multiple levels: molecular/cell biology, clinical manifestations, epidemiology and prevention.	Undergraduate	Microbiology & Molecular Genetics	College of Biological Sciences
MMI 130	Medical Mycology	https://catalog.ucdavis.edu/courses-subject-code/mmi/#~:text=MMI%20130%20E2%80%94,Medical%20Mycology,-(2%20units)	Demosthenes Pappagianis, Ph.D		2	Winter	Various aspects of pathogenic fungi, particularly affecting humans, will be discussed including epidemiology, pathogenesis and pathology, diagnosis and therapy. Course offered in alternate years.	Undergraduate	Medical Microbiology	School of Medicine
MMI 177	Human Virology	https://catalog.ucdavis.edu/courses-subject-code/mmi/#~:text=MMI%20177%20E2%80%94,Human%20Virology,-(3%20units)	Jose Torres, Ph.D	jvtorres@ucdavis.edu	3	Winter	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.	Undergraduate	Medical Microbiology	School of Medicine
MMI 188A	Human Immunology	https://catalog.ucdavis.edu/courses-subject-code/mmi/#~:text=MMI%20188A%20E2%80%94,Human%20Immunology,-(3%20units)	Jose Torres, Ph.D	jvtorres@ucdavis.edu	3	Spring	Understand the human immune system, the nomenclature and functional significance of the tissues, cells, proteins and genes, as well as the normal regulatory mechanisms and pathologic outcomes related to the immune response.	Undergraduate	Medical Microbiology	School of Medicine
MMI 480A	Medical Immunology	https://catalog.ucdavis.edu/courses-subject-code/mmi/#~:text=MMI%20480A%20E2%80%94,Medical%20Immunology,-(2.5%20units)	Changes by Quarter		2.5	Varies	Helping to understand the immune system, the nomenclature and functional significance of the tissues, cells, proteins and genes of the immune system, as well as the normal regulatory mechanisms and pathologic outcomes related to the immune response.	Graduate	Medical Microbiology	School of Medicine
MPM 201	Emerging Issues at the Interface of Animal, Human, & Ecosystem Health	https://catalog.ucdavis.edu/courses-subject-code/mpm/#~:text=Emerging%20Issues%20at%20the%20Interface%20of%20Animal%20C%20Human%20C%20%26%20Ecosystem%20Health	Kathryn Conlon, PH.D	kccconlon@ucdavis.edu	2.5	Fall	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.	Graduate	Masters Preventive Veterinary Medicine	School of Veterinary Medicine
MPM 205	Principles of Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/mpm/#~:text=Principles%20of%20Epidemiology	Changes by Quarter		4	Fall	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.	Graduate	Masters Preventive Veterinary Medicine	School of Veterinary Medicine

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MPM 212	Infectious Disease Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/mpm/#~:text=MPM%20212%20E2%80%94,Infectious%20Disease%20Epidemiology,(3%20units)	Beatriz Lopez, Ph.D	beamartinezlopez@ucdavis.edu	3	Winter	Basic and advanced level of conceptual and methodological foundations in infectious disease epidemiology necessary for veterinarians to develop and evaluate programs for detection, prevention, and control of infectious diseases in animal populations.	Graduate	Masters Preventive Veterinary Medicine	School of Veterinary Medicine
NAS 134	Race, Culture & Nation	https://catalog.ucdavis.edu/courses-subject-code/nas/#~:text=Race%2C%20Culture%2C%20%26%20Nation	Changes by Quarter		4	Varies	Exploration of complexities of Native American racial, cultural and national identities and alliances. Study of tribal and federal citizenship, mixed descent and diasporic people(s), claims to resources, ethnic fraud and contemporary movements of cultural resurgence and political sovereignty and self-determination.	Undergraduate	Native American Studies	College of Letters and Sciences
NAS 135	Gender Construction in Native Societies	https://catalog.ucdavis.edu/courses-subject-code/nas/#~:text=Gender%20Construction%20in%20Native%20Societies	Changes by Quarter		4	Varies	Historical and traditional Native American constructions of feminine, masculine, and non-binary genders with attention to culture- and place-based gender roles and statuses. Analysis of problems with contemporary terminologies and impacts of colonization on contemporary constructions of gender identities.	Undergraduate	Native American Studies	College of Letters and Sciences
NPB 012	The Human Brain & Disease	https://catalog.ucdavis.edu/courses-subject-code/npb/#~:text=The%20Human%20Brain%20%26%20Disease	Diasynou Fioravante, Ph.D	dfioravante@ucdavis.edu	3	Fall	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.	Undergraduate	Neurobiology, Physiology, & Behavior	College of Biological Sciences
NPB 018	Biological Science for Social Justice	https://catalog.ucdavis.edu/courses-subject-code/npb/#~:text=Biological%20Science%20for%20Social%20Justice	Rebecca Calisi, Ph.D	rmcalisi@ucdavis.edu	3	Winter	Broad survey of the many ways one can use the biological sciences to better the lives of others and break down barriers that have restricted social mobility.	Undergraduate	Neurobiology, Physiology, & Behavior	College of Biological Sciences
NPB 068	Biology of Drug Addiction & Abuse	https://catalog.ucdavis.edu/courses-subject-code/npb/#~:text=Biological%20of%20Drug%20Addiction%20%26%20Abuse	Changes by Quarter		3	Fall & Spring	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.	Undergraduate	Neurobiology, Physiology, & Behavior	College of Biological Sciences
NPB 107	Cell Signaling in Health & Disease	https://catalog.ucdavis.edu/courses-subject-code/npb/#~:text=Cell%20Signaling%20in%20Health%20%26%20Disease	Jim Trimmer, Ph.D	jtrimmer@ucdavis.edu	3	Winter	Basics of cell signaling pathways, their disruption in disease, and their current utility and future potential as therapeutic targets. Focus is on signaling pathways specific to nervous, endocrine and immune systems, and those fundamental to all cells.	Undergraduate	Neurobiology, Physiology, & Behavior	College of Biological Sciences
NPB 116	Stress Physiology in Health & Disease	https://catalog.ucdavis.edu/courses-subject-code/npb/#~:text=Stress%20Physiology%20in%20Health%20%26%20Disease	Karen Ryan, Ph.D	kkryan@ucdavis.edu	3	Winter	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.	Undergraduate	Neurobiology, Physiology, & Behavior	College of Biological Sciences
NPB 134	General Immunology for Physiologists	https://catalog.ucdavis.edu/courses-subject-code/npb/#~:text=General%20Immunology%20for%20Physiologists	Mark Huising, Ph.D	mhuising@ucdavis.edu	3	Spring	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.	Undergraduate	Neurobiology, Physiology, & Behavior	College of Biological Sciences
NRS 201	Health Status & Care Systems	https://catalog.ucdavis.edu/courses-subject-code/nrs/#~:text=Health%20Status%20%26%20Care%20Systems	Jill Joseph, Ph.D	jgjoseph@ucdavis.edu	4	Winter	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.	Graduate	Nursing	Graduate Studies
NRS 202	Implementation Science	https://catalog.ucdavis.edu/courses-subject-code/nrs/#~:text=NRS%20202%20E2%80%94,Implementation%20Science,(4%20units)	Changes by Quarter		4	Varies	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.	Graduate	Nursing	Graduate Studies
NRS 213	Race & Health in the United States	https://catalog.ucdavis.edu/courses-subject-code/nrs/#~:text=NRS%20213%20E2%80%94, Race%20%26%20Health%20in%20the%20United%20States,(3%20units)	Changes by Quarter		3	Varies	Race as a social construct and unequal health care distribution in the United States. Practical health care leadership to end racial inequalities in health.	Graduate	Nursing	Graduate Studies
NRS 220	Social, Cultural, & Behavioral Determinants of Health	https://catalog.ucdavis.edu/courses-subject-code/nrs/#~:text=Social%2C%20Cultural%2C%20%26%20Behavioral%20Determinants%20of%20Health	Changes by Quarter		3	Winter	Effects of globalization, political systems, local and global economies, culture, race, class, gender, and sexuality on population health.	Graduate	Nursing	Graduate Studies
NUT 106	Food Chemistry for Clinical Nutrition	https://catalog.ucdavis.edu/courses-subject-code/nut/#~:text=Food%20Chemistry%20for%20Clinical%20Nutrition	Carolyn Slupsky, Ph.D	cslupsky@ucdavis.edu	5	Fall	Chemical and physical principles that influence functional properties, nutrient content, safety, and sensory aspects of food. Emphasis on the application of these concepts in clinical nutrition.	Undergraduate	Nutrition	College of Agricultural & Environmental Sciences

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NUT 113	Principles of Epidemiology in Nutrition	https://catalog.ucdavis.edu/courses-subject-code/nut/#~:text=Principles%20of%20Epidemiology%20in%20Nutrition	Christine Stewart, Ph.D	cpstewart@ucdavis.edu	4	Fall	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.	Undergraduate	Nutrition	College of Agricultural & Environmental Sciences
NUT 118	Community Nutrition	https://catalog.ucdavis.edu/courses-subject-code/nut/#~:text=NUT%20118%20%E2%80%94,Community%20Nutrition,-(4%20units)	Lauren Au, Ph.D	leau@ucdavis.edu	4	Winter	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.	Undergraduate	Nutrition	College of Agricultural & Environmental Sciences
NUT 119A	Global Nutrition	https://catalog.ucdavis.edu/courses-subject-code/nut/#~:text=NUT%20119A%20%E2%80%94,Global%20Nutrition,-(3%20units)	Reina Engle-Stone, Ph.D	renglestone@ucdavis.edu	3	Fall	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.	Undergraduate	Nutrition	College of Agricultural & Environmental Sciences
NUT 219A	International Nutrition	https://catalog.ucdavis.edu/courses-subject-code/nut/#~:text=NUT%20219A%20%E2%80%94,International%20Nutrition,-(3%20units)	Reina Engle-Stone, Ph.D	renglestone@ucdavis.edu	3	Winter	Epidemiology, etiology, and consequences of undernutrition, with particular focus on the nutritional problems of children and women in low income populations.	Graduate	Nutrition	College of Agricultural & Environmental Sciences
NUT 219B	International Nutrition	https://catalog.ucdavis.edu/courses-subject-code/nut/#~:text=NUT%20219B%20%E2%80%94,International%20Nutrition,-(3%20units)	Christine Stewart, Ph.D	cpstewart@ucdavis.edu	3	Spring	Intervention programs to prevent or ameliorate nutritional problems in low-income populations. Planning, implementing, and evaluating nutrition intervention programs.	Graduate	Nutrition	College of Agricultural & Environmental Sciences
PAS 251D	Gender and Transgender Health	https://catalog.ucdavis.edu/courses-subject-code/pas/#~:text=Gender%20and%20Transgender%20Health	Changes by Quarter		4	Spring	Health care concepts specific and essential to the care of men, women, and transgender populations. Unique aspects of preventive care and treatment of conditions specific to these populations.	Graduate	Physician Assistant Studies	Graduate Studies
PAS 251F	Pediatrics & Gerontology (Special Populations)	https://catalog.ucdavis.edu/courses-subject-code/pas/#~:text=Pediatrics%20%26%20Gerontology%20(Special%20Populations)	Changes by Quarter		4	Varies	Health care concepts essential to care of special populations at earliest and latest stages of life. Unique aspects of both pediatric and geriatric patients.	Graduate	Physician Assistant Studies	Graduate Studies
PMI 126	Fundamentals of Immunology	https://catalog.ucdavis.edu/courses-subject-code/pmi/#~:text=Fundamentals%20of%20Immunology	Colin Reardon, Ph.D	creardon@ucdavis.edu	3	Winter	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.	Undergraduate	Pathology, Microbiology, & Immunology	School of Veterinary Medicine
PMI 129Y	One Health: Human, Animal & Environment Interfaces	https://catalog.ucdavis.edu/courses-subject-code/pmi/#~:text=One%20Health%3A%20Human%26%20Animal%20%26%20Environment%20Interfaces	Woutrina Smith, Ph.D	wasmith@ucdavis.edu	3	Fall & Winter	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.	Undergraduate	Pathology, Microbiology, & Immunology	School of Veterinary Medicine
POL 012B	Climate Change & Politics	https://catalog.ucdavis.edu/courses-subject-code/pol/#~:text=%C2%A0Climate%20Change%20%26%20Politics%20(4%20units)	Daniel Kono, Ph.D	dykono@ucdavis.edu	4	Fall	Analysis of political institutions' response and adaptation to climate change.	Undergraduate	Political Science	College of Letters and Science
PSC 126	Health Psychology	https://catalog.ucdavis.edu/courses-subject-code/psc/#~:text=PSC%20126%20%E2%80%94,Health%20Psychology,-(4%20units)	Changes by Quarter		4	Winter	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.	Undergraduate	Psychology	College of Letters and Science
PSC 148	Developmental Disorders	https://catalog.ucdavis.edu/courses-subject-code/psc/#~:text=Developmental%20Disorders	Joseph Armendarez, Ph.D	jarmendarez@ucdavis.edu	4	Winter	Current scientific knowledge of the influences of biological, cognitive, and environmental factors on the emergence of disorders with onset in childhood. Examples include autism spectrum, ADD/ADHD, dyslexia and dyscalculia. Emphasis placed on understanding these disorders, their causes and their treatments.	Undergraduate	Psychology	College of Letters and Science
SAS 008	Water Quality at Risk	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=Water%20Quality%20at%20Risk	Peter Hernes, Ph.D	pjhernes@ucdavis.edu	3	Winter	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.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences
SAS 009	Crisis in the Environment	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=Crisis%20in%20the%20Environment	Erwan Monier, Ph.D	emonier@ucdavis.edu	4	Winter	Exploration of contemporary environmental issues, including causes, effects, and solutions to a wide range of environmental problems facing the global ecosystem. Political, societal, and economic dimensions of these issues. Topics covered include climate change, air pollution, ocean exploitation, forest management and wildfire, and food and water insecurity.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences

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SAS 013	Disease & Society	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=SAS%20013%20%E2%80%94,Disease%20%26%20Society,-(3%20units)	Sara Dye, Ph.D	smrobinson@ucdavis.edu	3	Fall & Winter	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.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences
SAS 025	Global Climate Change: Convergence of Biological, Geophysical & Social Sciences	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=SAS%20025%20%E2%80%94,Global%20Climate%20Change%3A%20Convergence%20of%20Biological%20%20Geophysical%20%20%26%20Social%20Sciences,-(4%20units)	Arnold Bloom, Ph.D	ajbloom@ucdavis.edu	4	Winter	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.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences
SAS 090F	Food Distribution in a Hungry World	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=Food%20Distribution%20in%20a%20Hungry%20World	Changes by Quarter		2	Varies	The biological, technological, environmental, and socioeconomic factors related to food distribution systems at local, regional, national, and international levels. The potential for increasing world food supply by reducing losses between harvest and consumption.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences
SAS 109	Environmental Change, Disease & Public Health	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=Environmental%20Change%2C%20Disease%20%26%20Public%20Health	Diana Davis, Ph.D	geovet@ucdavis.edu	4	Fall	Analysis of environmental changes from pre-history to the present and their influence on disease distribution, virulence and public health. Focus on critical study of many human-driven environmental changes and the accelerated transformation/spread of pathogens under globalization.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences
SAS 120	Science & Contemporary Societal Issues	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=Science%20%26%20Contemporary%20Societal%20Issues	Changes by Quarter		3	Varies	Study of a contemporary societal issue/problem emphasizing critical thinking with information drawn from several disciplines. Multiple instructors illustrate the necessity of an interdisciplinary and cooperative approach in solving important issues.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences
SAS 121	Global Poverty: Critical Thinking & Taking Action	https://catalog.ucdavis.edu/courses-subject-code/sas/#~:text=Global%20Poverty%3A%20Critical%20Thinking%20%26%20Taking%20Action	Changes by Quarter		4	Varies	Social science and engineering analysis of causes and effects of world poverty and of policies to reduce it via economic growth, foreign aid, and community-level interventions; e.g., in potable water, sanitation, lighting, small scale energy, irrigation, health and microfinance.	Undergraduate	Science & Society	College of Agricultural & Environmental Sciences
SOC 162	Society, Culture, & Health	Link to Course Catalog	Changes by Quarter		4	Fall, Spring & Winter	Analysis of how socio-cultural factors shape illness experience. Evaluation of how certain conditions come to be understood as health conditions; illness identities and biographies; doctor-patient interactions; biomedical cultures, how race, ethnicity, and gender shape health practices.	Undergraduate	Sociology	College of Letters and Science
SOC 163	Population Health: Social Determinants & Disparities in Health	Link to Course Catalog	Erin Hamilton, Ph.D	erhamilton@ucdavis.edu	4	Fall	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.	Undergraduate	Sociology	College of Letters and Science
SOC 164	Health Policy & Politics	Link to Course Catalog	Drew Halfmann, Ph.D	dhalfmann@ucdavis.edu	4	Fall & Spring	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.	Undergraduate	Sociology	College of Letters and Science
SPH 104	Globalization and Health: Evidence and Policies	Link to Course Catalog	Loralyn Taylor, Ph.D	lgtaylor@ucdavis.edu	3	Fall & Spring	An overview of the evidence on the multiple effects of globalization policies on health.	Undergraduate	Public Health Sciences	School of Medicine
SPH 107V	Foundations of Epidemiology	https://catalog.ucdavis.edu/courses-subject-code/sph/#~:text=SPH%20107V%20%E2%80%94,Foundations%20of%20Epidemiology,-(4%20units)	Lorena Garcia, Ph.D	lgarcia@health.ucdavis.edu	4	Fall	https://catalog.ucdavis.edu/courses-subject-code/sph/#~:text=SPH%20107V%20%E2%80%94,Foundations%20of%20Epidemiology,-(4%20units)	Undergraduate	Public Health Sciences	School of Medicine
SPH 113	Health Disparities in the U.S.	Link to Course Catalog	Loralyn Taylor, Ph.D	lgtaylor@ucdavis.edu	3	Spring & Winter	Introduction to the principles and practice of health disparities research.	Undergraduate	Public Health Sciences	School of Medicine
SPH 132	Health Issues Confronting Asian Americans & Pacific Islanders	Link to Course Catalog	Edgar Wong-Chen, Ph.D	ewongchen@ucdavis.edu	4	Spring	Health issues confronting Asian Americans & Pacific Islanders.	Undergraduate	Public Health Sciences	School of Medicine
SPH 204	Globalization & Health: Evidence & Policies	Link to Course Catalog	Hadeer Akram Al-Ani, Ph.D	haalani@ucdavis.edu	3	Fall	Provides an overview of the evidence on the multiple effects of globalization policies on health.	Graduate	Public Health Sciences	School of Medicine
SPH 212	Migration & Health	Link to Course Catalog	Patrick Koga, Ph.D	pmkoga@ucdavis.edu	3	Winter	Principles of migration and health. Topics will include demographics, public health intervention 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.	Graduate	Public Health Sciences	School of Medicine
SPH 295	International Health	Link to Course Catalog	Changes by Quarter		2	Spring	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.	Graduate	Public Health Sciences	School of Medicine
SPH 298	Study in Community & International Health	Link to Course Catalog	Professor Boucher	fboucher@ucdavis.edu	1	Winter	Study and experience for graduate students in any number of areas in community and international health.	Graduate	Public Health Sciences	School of Medicine

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STS 001	Introduction to Science, Technology & Medicine Studies	https://catalog.ucdavis.edu/courses-subject-code/sts/#~:text=Introduction%20to%20Science%2C%20Technology%20%26%20Medicine%20Studies	Changes by Quarter		4	Fall & Spring	History, philosophy, sociology, politics, and cultural studies of science, technology, and medicine. Emphasis on a broad range of perspectives.	Undergraduate	Science & Technology	College of Letters and Science
STS 012	Epidemics & Society	https://catalog.ucdavis.edu/courses-subject-code/sts/#~:text=STS%20012%20%E2%80%94,Epidemics%20%26%20Society,-(4%20units)	Gerardo Diaz, Ph.D	condiaz@ucdavis.edu	4	Fall	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.	Undergraduate	Science & Technology	College of Letters and Science
STS 016	Sex, Science & Society	https://catalog.ucdavis.edu/courses-subject-code/sts/#~:text=Sex%2C%20Science%2C%20%26%20Society	Marie McDonald, Ph.D	mkmcdonald@ucdavis.edu	4	Winter	Survey of the relationship between sex, science, and society in the history of the modern world. Emphasis on the development of scientific ideas about the human body against broader social, cultural, and political trends and from a global viewpoint.	Undergraduate	Science & Technology	College of Letters and Science
STS 111	Science & Race	https://catalog.ucdavis.edu/courses-subject-code/sts/#~:text=STS%20111%20%E2%80%94,Science%20%26%20Race,-(4%20units)	Changes by Quarter		4	Varies	Race and racial formations in science, technology, and medicine. History of racial thought in scientific and medical research; colonial and decolonial modes of knowledge production; the racialization of technology; intersectional approaches to technoscience, social justice, environmental justice, and health care equity.	Undergraduate	Science & Technology	College of Letters and Science
STS 129	Health & Medicine in a Global Context	https://catalog.ucdavis.edu/courses-subject-code/sts/#~:text=Health%20%26%20Medicine%20in%20a%20Global%20Context	Joseph Dumit, Ph.D	jpdumit@ucdavis.edu	4	Spring	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.	Undergraduate	Science & Technology	College of Letters and Science
STS 150	Gender & Science	https://catalog.ucdavis.edu/courses-subject-code/sts/#~:text=STS%20150%20%E2%80%94,Gender%20%26%20Science,-(4%20units)	Marco Dell'oca, Ph.D	mdelloca@ucdavis.edu	4	Fall	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.	Undergraduate	Science & Technology	College of Letters and Science
TAE 010	Introduction to Agricultural & Environmental Technologies	https://catalog.ucdavis.edu/courses-subject-code/tae/#~:text=Introduction%20to%20Agricultural%20%26%20Environmental%20Technologies	Ali Moghimi, Ph.D	amoghimi@ucdavis.edu	3	Fall	Technologies of agriculture and the environmental sciences. History & revolution of industrial technology and its impacts on agriculture, environment, energy, and bioproducts; types of sensing technologies; communication and information transfer technologies; artificial intelligence, technologies for control of automatic processes; technologies for the production of food, bioproducts, clean energy and water purification; gene-editing technology; wearable technologies.	Undergraduate	Agricultural & Environmental Technology	College of Agricultural & Environmental Sciences
TAE 020	Sustainable Energy Technologies	https://catalog.ucdavis.edu/courses-subject-code/tae/#~:text=Sustainable%20Energy%20Technologies	Md Shamin Ahamed, Ph.D	mahamed@ucdavis.edu	4	Winter	Sustainable and efficient energy technologies and their application in agriculture and other sectors. Basic principles of energy efficiency, conservation, and conversion technologies using solar, wind, water, biomass, geothermal, and other renewable sources. Environmental impacts and energy policy. Experiential learning about solar drying, controlled environment agriculture, net-zero energy building, electricity generation, energy storage, biofuels, and integrated waste management; field visits.	Undergraduate	Agricultural & Environmental Technology	College of Agricultural & Environmental Sciences
VMB 101V	Principles of Pharmacology & Toxicology	https://catalog.ucdavis.edu/courses-subject-code/vmb/#~:text=VMB%20101V%20%E2%80%94,Principles%20of%20Pharmacology%20%26%20Toxicology,-(3%20units)	Heather Knych, Ph.D	hkknyc@ucdavis.edu	3	Fall & Spring	Online course provides training in core concepts of pharmacological and toxicological sciences and prepares to develop higher-order problem solving and critical thinking skills. Designed for advanced undergraduate students with interests in pursuing graduate degrees in pharmacology, toxicology, physiological sciences, and for students with an interest in pursuing D.V.M., M.D., Pharmacy, Dentistry and Nursing professional degrees. Students who pursue careers in environmental sciences, public health management, and epidemiology may also benefit from the subject matter presented in this course.	Undergraduate	Molecular Biosciences	School of Veterinary Medicine
VMB 101Y	Principles of Pharmacology & Toxicology	https://catalog.ucdavis.edu/courses-subject-code/vmb/#~:text=VMB%20101Y%20%E2%80%94,Principles%20of%20Pharmacology%20%26%20Toxicology,-(3%20units)	Heather Knych, Ph.D	hkknyc@ucdavis.edu	3	Spring	Hybrid course provides training in core concepts of pharmacological and toxicological sciences. Develop higher-order problem solving and critical thinking skills.	Undergraduate	Molecular Biosciences	School of Veterinary Medicine
VME 057V	Global Population, Health, & Environment	Link to Course Catalog	Woutrina Smith, Ph.D	wasmith@ucdavis.edu	4	Spring Quarter	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.	Undergraduate	Medicine & Epidemiology	School of Veterinary Medicine
WMS 182	Globalization, Gender & Culture	https://catalog.ucdavis.edu/courses-subject-code/wms/#~:text=Globalization%2C%20Gender%20%26%20Culture	Amima Mama, Ph.D	amama@ucdavis.edu	4	Winter	Critical gender analysis of globalization as a process of interconnected cultural, social and economic transformations infected by gender, nation, class and race/ethnicity. Critical self-reflection and social observation skills.	Undergraduate	Women's Studies	College of Letters and Science