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CALIFORNIA STATE UNIVERSITY, LOS ANGELES

# Sustainability Program/Course List

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2016-2017

4/12/2016

Sustainability-focused Programs: Undergraduate		
Type	Program Title	Program Description
Minor	Sustainability Marketing	The Minor in Sustainability Marketing will provide the opportunity for students enrolled in B.S.B.A. options other than the marketing option or other degree programs to: (1) broaden their understanding of mounting environmental and social issues that impact our local and global communities; (2) transform the design, marketing, and consumption of products and services within an interdisciplinary framework of environmental and social sustainability; (3) enhance their employment portfolio to appeal to the increasing number of public and private employers seeking college graduates with a deeper understanding of the human impact of environmental issues.
Certificate	Sustainability Marketing	The Certificate in Sustainability Marketing will provide the opportunity for students enrolled in all CSULA degree programs, as well as working professionals from the external community, to: (1) broaden their understanding of mounting environmental and social issues that impact our local and global communities; (2) transform the design, marketing, and consumption of products and services within an interdisciplinary framework of environmental and social sustainability; (3) enhance their employment portfolio to appeal to the increasing number of public and private employers seeking college graduates with a deeper understanding of the human impact of environmental issues.
		<b>Total: 2</b>

Sustainability Courses: Undergraduate			
Prefix	Cat#	Course Title	Course Description
TECH	3700	Sustainable Energy and Transportation	Comprehensive review of traditional and sustainable power technology: available energy forms; power conversion, coal, nuclear, wind power, photovoltaics, fuel cells; mobile applications, engines, clean transportation; energy management.
ME	4180	Renewable Energy and Sustainability	Global sustainability and the need for renewable energy; energy conversion concepts; latest power generation technologies; political, economic, and ethical complications associated with renewable energy technologies.

MKT	4320	Sustainability Marketing	Overview of sustainability in a marketing context; local and global impact of current marketing practices upon the environment; re-framing of marketing strategies and practices for environmental and social sustainability. Some sections may be technologically mediated.
			<b>Total: 3</b>

<b>Sustainability Courses: Graduate</b>			
Prefix	Cat#	Course Title	Course Description
MGMT	5102	Sustainability, CSR, and Business Ethics	Analysis of organizations' policies and practices using frameworks of sustainability and corporate social responsibility. Analysis of dilemmas presented to business executives and professionals using theories of ethics / business ethics.
MKT	5320	Seminar: Sustainability Marketing	Critical analysis of sustainability in a marketing context; local and global impact of current marketing practices upon the environment; re-framing of marketing strategies and practices for environmental and social sustainability. Some sections may be technologically mediated.
			<b>Total: 2</b>

<b>Sustainability-Included Courses: Undergraduate</b>			
Prefix	Cat#	Course Title	Course Description
AAAS	2100	Asian America: Culture, History, and Community	Introductory survey of culture, history, communities of Asian America, with an emphasis on the making of new Asian America and the intersectionality of race and ethnicity with class and gender.
AAAS	3510	Body, Health, and Food Justice in API Communities	Examine intermingling effect of food justice and perceptions of body among Asian Americans, with an emphasis on community engagement and the intersectionality of race and ethnicity with class and gender.
AAAS	3540	Asian Economies and New Consumerism	A survey of economic developments and trends in Asia since WWII through analysis of emerging market and consumer culture.
AAAS	4530	Cultural Competency for Professionals: Understanding Asia and Asian America	Introduces useful knowledge and effective skills to students who plan to work for Asian or Asian American organizations, clients, and companies.
ANTH	1500	Introduction to Cultural Anthropology	Exploration and application of concepts of myths, cultures, power relations, social organization, social meaning to the study of kin, economic, political, legal, belief, and communication systems in different societies.
ANTH	3000	Immigrant Experiences and Social Justice in the Americas	Exploration of the diversity of immigrant experiences in the Americas and the social and cultural forces shaping them, community based inquiry and public sphere pedagogy with immigrant communities.
ANTH	3200	Where in the Californian Community are You?	Student's anthropological, holistic and comparative exploration of personal and collective engagement with the community and events in California through examination, reflection, services and recommendation as democratic participation in "learning common."
ANTH	4260	Perspectives and Methods in Environmental Archaeology	Explores the nature of diachronic human-environmental interactions in marine and terrestrial ecosystems. Examines the interface between the natural and biological sciences and archaeology with a focus on human adaptive variation.
ART	2090	Perspectives on Art and Cultural Diversity	Diversity, identity, and power in groups and/or individuals as expressed through form and symbols of visual arts in various cultures.
ART	3170	Visual Arts in Urban Contexts	A study of visual arts in various urban contexts. Comparative studies of artists, urban art forums, and processes of achieving recognition and legitimacy among diverse groups.

ART	3900	Art and Design in the Community	Art and design in public places, the organization of public space and community identity. Participation in collaborative activities utilizing art and design skills in service to the community.
ART	4600	Multicultural Approaches to Visual Arts	Analysis of art experience as human behavior responsive to sociological, ecological, political and historical conditions in American and other cultures.
BIOL	3800	Ecology and Evolution	Interaction of organisms with their environment at individual, population, and ecosystem scales. Micro- and macro-evolutionary processes leading to biological diversity.
BIOL	4200	Global Change	Considers major transformations in the Earth's interlinked physical and biological environments, the causes of these changes (both anthropogenic and natural), and their likely consequence for the Earth's biological systems.
BIOL	4320	Fundamentals of Toxicology	A survey of important drugs and environmental toxicants; absorption, distribution, metabolism, and excretion of drugs and toxic compounds; mechanisms of toxic action; human and ecological risk assessment.
BIOL	4620	Plant Ecology	Plants and plant communities in relation to physical and biotic environments, ecophysiology, demography, species interactions, community structure, and ecosystem function.
BIOL	4700	Conservation Biology	Biological diversity of animals and plants; genetics and ecology of small populations; protection and management of threatened species and communities.
BIOL	4720	Marine Ecology	Population and community ecology of major habitats in marine environment; lecture emphasizes contemporary theories in marine ecology.
BUS	2500	Diversity, Business, and the Workplace	Examines how cultural diversity drives business success as well as the knowledge and skills needed to interact effectively within diverse business environments.
CDIV	4810	Understanding Cultural Diversity within Human Services	Preparation for culturally competent practice within a wide variety of human services settings in diverse communities; a cultural lens and reflective stance promote exploration of attitudes, values, beliefs and worldview.
CE	2200	Coastal Zone Management	Introduction to the engineering properties and processes of the oceans and their coasts. Explanation of the purpose and design of structures built within the coastal zone and the management of the coastal environment. Human interactions with the ocean such as assessing needs and selection of coastal structures to assist with the management of the coast: Beach access laws fishing and waste disposal.

CE	2840	Environmental Engineering I	This course provides an overview of natural environmental systems and processes with special emphasis placed on the interactions among environmental systems (e.g., air, water, and soil) and between humans and technology and the environment. Topics include occurrence and movement of surface water and groundwater, water and sewage treatment, air pollution, climate change, modeling, hazardous and solid waste management, green engineering, and nutrient and contaminant cycling.
CE	3520	Technological Aspects of Urban Environment	Current engineering practice in dealing with urban problems such as financial, transportation, pollution, communications, public utilities, land use planning and public health.
CE	3580	Environment, Earth Systems and Technology	Consider the role of technology in the changing relationships between human societies and their environment; studies the impact of the agricultural, industrial and information revolutions on natural systems and sustainability.
CE	3840	Environmental Engineering II	Discussion on natural environmental systems will continue, with special emphasis on the role and sustainability of engineered systems (i.e., water/wastewater treatment plants, landfills, remediation technologies, etc.). Greater focus on the fundamentals of the fate and transport of contaminants and nutrients in air, surface waters, groundwater, and soils.
CE	3860	Design of Water Resources Systems	Development of water resources, water demand analysis, availability of water, storage and control structures, conveyance and distribution systems, components of distribution system, and drainage system.
CE	4790	Groundwater Contamination and Remediation	Study of the fate of contaminants in the subsurface environment. Focus is on the transport of chemicals through porous media including possible transformations (chemical, physical, and biological).
CE	4800	Environmental Modeling	This course introduces basic tools and processes used to model complex environmental systems. The emphasis is on physical, chemical and biological processes used in the development of environmental models. Topics include development of mass-balance-based numerical models, capturing, storing, analyzing, and displaying geographically referenced data, application of environmental models to evaluate pollutant fate and transport in air and water, and model evaluation.
CE	4830	Hydrology I	Precipitation, evaporation, infiltration, transpiration, and runoff; methods of predicting discharge from precipitation, flood routing, and measurement of hydrologic processes.

CE	4840	Environmental Engineering Design	This course focuses on the analysis and design of environmental systems including water and wastewater treatment plants, treatment lagoons, air pollution prevention equipment, industrial waste treatment facilities, groundwater remediation, and other pertinent engineered systems.
CE	4850	Water Supply	Sources and collection of surface and ground water, distribution systems, water quality, water treatment plants, sedimentation, filtration, softening, and disinfection.
CHDV	2250	Ethnic Identity and Cultural Awareness in Children and Families	Examines historical, socio-political, and cultural factors of major U.S. immigrant groups. Emphasis placed on family interactions, childrearing, communication, religion, health care, developmental risk and disability, and attitudes towards intervention.
CHDV	2500	Child, Family, and Community	Examination of the impacts of environmental settings, significant relationships, and societal issues on the development of children.
CHDV	3210	Urban Families: And Resilience	Examining the role of diversity in dynamic interactions between culturally diverse families and other institutions in urban environments. Processes of resolving tensions between urban demands and family resilience.
CHDV	3730	Asian Americans, Families, and Community	An overview of Asian and Asian American individual development in the context of family and community.
CHDV	3750	Health Disparities in Urban Communities	Health disparities affecting children and families in urban communities characterized by multiple diversity factors are explored. The intersectionality of factors and processes for promoting health equity and wellness are examined.
CHDV	4360	Family Stress and Resilience: Cultural Considerations	Overview of family experiences in managing situational and environmental stress, with a focus on how family resiliency, cultural considerations and family risk and protective factors influence adaptation to stressful events.
CHEM	1000	Molecules Matter	An introductory course emphasizing the importance of chemistry to everyday life including the environment, energy, food and materials.
CLS	3320	Remittances, the Immigrant Economy, and Globalization	This course addresses a range of important Latina/o household economic, labor market, consumer, banking, and migration issues related to the powerful influences of remittances in this society.
CHS	3400	Latinas/os and Social Justice: Contemporary Issues	Examination of the struggle for Latina/o social justice remains an essential component of US society. Significant political, economic, cultural and social transformations have been initiated by these movements are investigated.

CHS	3770	Environmental Justice	Use of epidemiology in environmental health. Morbidity and mortality in communities of color and lower economic status due to disproportionate distribution of environmental contaminants.
CHS	4170	Critical Analysis of Inequality and Educational Policy	Investigation of the relationship between marginalized groups and education policy. Analysis of past and recent education policy and related court cases impact on marginalized students at all education levels.
CHS	4255	Latinas/os and Social Justice Movements	The course can address a wide variety of social justice movements in the Chicana/o and Latina/o communities: environmental justice, gentrification, housing, immigration, gender discrimination, racial profiling, educational reform, Latina/o LGBT/LGBTQIA communities, sustainable environmentalism, minorities in academia, and political reform.
COMD	4750	Cultural/Linguistic Diversity in Communication Disorders	Theoretical considerations and application of current research in cultural/linguistic diversity and communication disorders.
COMM	2890	Introduction to Intercultural Communication	Course examines theories of intercultural communication, investigates intercultural communication conflict, studies cultural diversity of communication, and seeks to develop an ethical approach to intercultural communication.
COMM	3420	Rights and Justice	Freedom of communication, political rights, diversity and justice: The evolution of these rights in the United States; analysis of contemporary problems, global implications, and potential solutions in our multicultural world.
COMM	3720	Media, Communication and the Environment	Students analyze persuasive strategies in media and environmental communication campaigns; Social science methods are used to investigate the effects of media and campaigns on perceptions of the environment.
COMM	3840	Globalization, Culture and Communication	Critical examination of globalization and its multiple sociocultural dynamics and communication challenges for global citizens. Emphasis on globalizing institutions, trans-border flows, international communication, social change, and cultural identities.
COMM	3890	Intercultural Communication in Civic Contexts	Inquiry into processes, and problems of intercultural communication in multicultural, multiethnic local/global civic contexts. Focus on how gender, race, ethnicity, and socioeconomic status intersect and impact intercultural interaction.
COMM	4160	Intercultural Business Communication	Analysis of communication issues in an intercultural or global business context; intercultural communication theories; intercultural business negotiations; role of nonverbal communication in doing business effectively.



COMM	4410	Intercultural Communication	Description and analysis of cultural influences on human communication acts; codes and paralinguistic elements; focus on communication between cultures in an urban setting.
COMM	4860	Communication and Cultural Studies	Survey of history, primary texts, and representative studies in cultural studies. Emphasis on cultural studies of media, technology, and communication.
CRIM	2100	Multiculturalism and the Criminal Justice System	Historical and current relevance of race, class, gender, and sexuality to: (1) individuals and communities; (2) the experiences of offenders, victims, and criminal justice personnel; and (3) policy development, power dynamics, and the administration of criminal justice.
CRIM	4460	Community Policing and Problem Solving	Contemporary police problems and new strategies and practices for addressing crime and neighborhood disorder. Emphasis on the history, definition, evaluation, and models of community policing.
CRIM	4930	Civic Engagement in Criminal Justice	This course provides students with the opportunity to apply the knowledge gained in the classroom in a criminal justice-related field placement.
ECON	3340	Environmental Issues and Policy	Evaluate the social cost of environmental damage; examine social equity concerns arising from environmental degradation; evaluate the equity and efficiency of various public policies designed to address environmental damage.
ECON	3500	Economics of Poverty and Inequality in the U.S.	Concept and measurement of poverty; analysis of both economic causes and effects of poverty; policy implications and remedies.
ECON	3600	Developing Countries and the New Global Economy	Overview of economic factors that influence the development and participation of today's developing countries in the global economy; problems with economic transition, environment, technology, and impact of global financial, trade, and investment systems.
ECON	3650	Economics of the Latino Community	Analyze socioeconomic characteristics of the US Latino community. Recognize how factors such as ethnicity, race and institutions contribute to the community's development. Topics include: poverty, inequality, healthcare, immigration, and education.
ECON	4340	Environmental Economics	Economic principles that apply to environmental issues; measuring economic cost of environmental damage; evaluation of public policies designed to address environmental problems resulting from market activities.
ECON	4400	Urban and Regional Economics	Role of economic analysis in dealing with urban and regional problems; growth, land use, housing, transportation, and income distribution; emphasis on role of economic models in policy making.

ECON	4600	Economics of Developing Countries	Contemporary economic issues in developing countries; theories of development; problems with population growth, investment, technology, and entrepreneurship; role of trade and international finance; foreign aid and external debt; government policy.
ECON	4610	Economics of International Trade	Economic analysis of how and why commodities are traded among nations; tariffs and quotas; common market and other international institutions.
ECON	4620	International Monetary Economics	Economic analysis of international currency and bond market dynamics. Implications of fiscal, monetary and exchange rate policies for financial markets. Trade and capital flows. Study of currency and financial crises.
ECON	4650	Current Issues in Latin American Economies	Analysis of factors determining the performance of Latin American economies, including external debt, trade, economic integration, labor market and institutions. Economic issues facing the U.S. Latino community are also discussed.
ECON	4720	Labor Relations and Collective Bargaining	Relations between employers and employees as the latter are represented by organized labor; collective bargaining as it relates to recognition, wages, hours, working conditions, grievance procedure, seniority, and health and safety.
ECON	4900	Issues in the Economics of Globalization	Contemporary issues in globalization and international monetary cooperation, including international capital flows, central banking in emerging market economies, international debt, global and regional economic integration and international economic policy coordination.
EDCI	4000	Transformative Teaching Profession: Preparing their Diverse Urban Educator Classrooms	Practical, dispositional introduction for developing personal visions as Transformative Educational Leaders. Introduction to laws, and analysis, application and evaluation of strategies to prepare teacher candidates to teach in urban schools.
EDCI	4270	Current Topics in Multicultural Children's Literature	An introduction to the use of multicultural children's literature in the classroom. Survey, analysis and current trends and topics in relation to the use of multicultural children's literature.
EDEL	4660	Cultural Diversity in Early Childhood Classroom: Needs and Opportunities	Multicultural education and anti-bias curriculum development for early childhood education; focus on cross-cultural perspectives and their effects on behavior, learning, and teaching.
EDEL	4670	School/Family/Community Partnerships in Urban Learning	Examination of family, community, societal, cultural, and ideological influences on children's learning and schooling. Emphasis on strategies to integrate urban family members, as well as community resources, into the teaching-learning process. Field-based experiences required.

EDFN	3130	Diversity, Intersectionality, Major Racial/Ethnic Groups in U.S. Schooling, and Equality of Educational Opportunity and Social Justice	An examination of diversity, the intersectionality of race, ethnicity, class, gender, and sexuality, with a focus on experiences of major racial/ethnic groups in relation to U.S. schools and educational equality.
EDFN	4200	Educational Foundations: of Diversity and Equity in Urban Schools	Foundational study of schooling focusing on the intersectionality of race/class/gender/sexuality, the educational experience of non-dominant racial, cultural, and socioeconomic groups, and equality of educational opportunity in urban schools.
EDFN	4400	Educational Foundations: Schooling for in a Diverse Urban Society	Study of the historical, cultural, social, and legal foundations of education with an emphasis on the intersectionality of race/class/gender/sexuality and the educational experience of non-dominant racial, cultural, and socioeconomic groups.
EDIT	4100	Educational Technology for Urban Educators	Application of educational technology including: written and online communications, reviewing resources, graphical organizers, and assistive technology. Legal, ethical, and human issues related to educational technology. Meets Level I technology standards in Education.
EDSE	4101	Intersectional Diversity in Families and Students from Urban Schools	Exploring implications of planning and management choices on specific student populations, understanding school climate and exploration of understandings of families and students within targeted urban communities.
EDSE	4480	Instructional Fieldwork Laboratory for Urban Schools	Laboratory Course gives students an opportunity to be placed into schools for 2 hours per week to explore, examine, implement and practice the technical components for teaching in urban schools.
EDSE	4481	Instructional Fieldwork Laboratory for Urban Schools II	Laboratory Course gives students an opportunity to be placed into schools for 2 hours per week to explore, examine, implement and practice the technical components for teaching in urban schools.
EDSE	4482	Instructional Fieldwork Laboratory for Urban Schools III	Instructional Laboratory Course gives students an opportunity to be placed into schools for 2 hours per week to explore, examine, implement and practice the technical components for teaching in urban schools.
EDSE	4491	Contextual Fieldwork Laboratory for Transforming Urban Schools II	Laboratory Course gives students an opportunity to be placed into schools for 2 hours per week examining the contextual features that help teachers explicitly connect theory to practice.
EDSE	4492	Contextual Fieldwork Laboratory for Transforming Urban Schools III	Contextual laboratory course that places students into secondary schools for 2 hours per week to explore, examine, implement and practice the contextual components for teaching in urban schools.

EDSP	4000	Foundations of Special Education	Legal, historical, and practice-based foundations of special education. Classification systems, characteristics, and individualization of services for students with disabilities and/or gifts and talents. Implications of risk factors for health and development.
EDSP	4001	Observations in Urban Classrooms	Observation and problem-solving of issues in urban classrooms, including: classroom management, ongoing assessment and legal/ethical practices of special education teachers. Requires 45 hours of observation in classroom settings.
EDSP	4061	Early Fieldwork in Inclusive Teaching: Mild/Moderate Disabilities	Early fieldwork in teaching students with and without disabilities in an inclusive classroom; unit and lesson planning, instructional delivery, co-teaching, writing instruction, and classroom/behavior management.
EDSP	4760	Instructional Strategies, Individualized Programming and Diversity in Orientation and Mobility Instructional Seminar	Strategies for assessment, planning, instruction and individualized programming in orientation and mobility for diverse learners who are blind and visually impaired. Course taken in conjunction with O&M fieldwork.
EDSP	4900	Foundations of Special Education for Secondary Teachers in Urban Schools	Legal and historical foundations of special education for secondary teachers in urban schools. Classification systems, characteristics, risk factors, and introduction to services for students with disabilities and/or gifts and talents.
EDSP	4901	Understanding Learners with Special Needs in Urban Secondary Classrooms	Understanding framework of support for students with disabilities and/or gifts and talents in secondary classrooms. Universal Design for Learning, differentiating instruction, positive behavior support, health factors, and collaboration and co-teaching.
EDSP	4902	Supporting Learners with Special Needs in Urban Secondary Classrooms	Demonstrating skills in supporting students with disabilities and/or gifts and talents in secondary classrooms: co-planning and co-teaching with special educators; differentiating instruction and providing accommodations/modifications; high engagement strategies; high-stakes assessments.
ENGL	2665	Multicultural Science Fiction	Science fiction literature produced by Asian American, African American, Euro- American, Latina/o, and Native American authors.
ENGL	3810	Literary Explorations of Racism and Justice	Analysis of the literary depiction of racism and justice, with emphasis on the treatment of civil rights issues in fiction, drama, and poetry.
ENGL	3822	Ethnicity and Emotions in U.S. Film	Critical analysis of the representations of ethnicity and emotions in U.S. film.
ENGL	4210	Cultural Studies and Literature	Survey of the history of cultural studies; introduction to the basic concepts of cultural studies, including mass, popular, and subcultures; cultural analysis of literary texts. Some sections may include a service learning option.

ENGL	4690	Ethnic Literature in the U.S.	Literature by modern ethnic writers in the U.S. May include, among others, Asian-American, African American, Euro- American, Latino/a, and Native American literature. May involve an optional service learning component.
ENGL	4840	Environment, Ecology, and Literature	Examination of literary and cultural representations of the environment and their relation to central issues in ecology and environmental ethics.
FIN	2050	Legal and Regulatory Environment of Business I	Introduction to legal and regulatory environment of business emphasizing the American legal system, dispute resolution, contracts, sales, torts, white-collar crimes, and related legal/ethical issues. Instruction in legal research.
FIN	3050	Legal and Regulatory Environment of Business II	Legal and regulatory issues facing business owners, managers, and accountants, including forms of business organization, securities regulation, employment law, agency, secured transactions, bankruptcy, and commercial paper.
FIN	4310	Multinational Financial Management	Managerial finance applied to multinational transactions; analysis of risks, reduction/elimination of currency risks and other financial risks via hedging/corporate structures. Overview of international financial markets and financing sources.
GEOG	1550	Cultural Geography	Geographic perspective on the spatial variation of culture. Focuses on similarities and differences of various cultures with respect to racial, ethnic, religious, linguistic, demographic, and organizational characteristics.
GEOG	3090	Urban Environmental Pollution	Investigates the major sources and effects of land, water and air pollution in cities of developed and developing countries. Best management practices and control methods will also be discussed. This course includes civic learning activities.
GEOG	3100	Urban Climatology	The course investigates urbanization effects on the immediate atmospheric environment. Students evaluate these effects through direct measurement and data analyses. Topics include architecture, urban planning and pollution. The course includes civic/service learning activities.
GEOG	3120	Global Climate Change and the Developing World	Investigates the causes and impacts of global climate change on developing countries, as well as mitigation schemes. Students explore current climate change and its impact on the poor, and they gather evidence from the past and formulate scenarios of the future. This course includes civic/community learning.
GEOG	3330	Environment and Development in the Third World	The physical environments of the Third World and associated problems of development.
GEOG	3760	Urban Spatial Process and Patterns	An in-depth, critical examination of the spatial processes of urbanization and the characteristics and morphology of cities.

GEOG	4030	Environment and Food Customs	This course will examine the geographical distribution of various food cultures as well as the connections between those food cultures and the physical environment in which they have developed.
GEOG	4150	Perspectives on Environment	Environmental interactions in subsistence and urban-industrial societies; impact of human activities on environment: modification of vegetation, hydrology, and landforms, accelerated soil erosion, climatic change; environmental perception; awareness of and adjustment to natural hazards.
GEOG	4460	U.S. Ethnic Communities	Spatial structure and organization of selected ethnic communities in the U.S. and their interrelationships with American composite cultural environment.
GEOG	4580	Urban Transportation	This course will focus on critical issues in urban transportation, including land use and transportation interaction, urban form and commuting patterns, transit planning, and sustainable urban transportation.
GEOG	4630	Geographic Information Systems (GIS) Applications in Urban Planning	Focuses on the application of Geographic Information Systems in urban planning and decision making.
GEOG	4650	Geographic Information Systems (GIS) Applications in Environmental Studies	This course focuses on the applications of Geographic Information Systems in environmental studies and resource management. Students will be introduced to spatial analysis and GIS modeling in these areas.
GEOG	4760	Urban Geography	In-depth spatial analysis of urban systems and internal structure of cities, and analytical investigation of functions and forms of representative urban areas.
GEOL	1580	Natural Disasters	Causes, characteristics, mitigation and case histories of natural disasters affecting civilization. Topics include earthquakes, volcanic eruptions, landslides, storms and floods, tsunamis, asteroid impacts, forest fires, climate changes, and mass extinctions.
GEOL	2200	Environmental Geoscience	Current environmental issues concerning natural resources, water and soil use, energy resources, alternative energy, air, and water pollution. Environmental laws, reclamation, and the human impact on global climate change.
GEOL	3120	Global Climate Change and the Developing World	Investigates the causes and impacts of global climate change on developing countries, as well as mitigation schemes. Students explore current climate change and its impact on the poor, and they gather evidence from the past and formulate scenarios of the future. This course includes civic/community learning.

GEOL	3570	Urban Geology	Geologic conditions and processes (earthquakes, volcanoes, floods, landslides, coastal processes, etc.) as they affect urbanized areas around the world. Urban governmental planning and regulation for mitigation of geologic problems.
GEOL	4220	Environmental Geochemistry	This course covers geochemical and environmental processes/tools and technical writing. Topics include basic principles and applications of geochemistry to solve environmental problems including surface and groundwater studies.
GEOL	4350	Coastal Processes and Environments	Interpretation and identification of the origin of coastal features and environments through analysis of fluvial, wave, tidal, sea level, tectonic, and urbanization processes.
GEOL	4850	Groundwater Management and Models	Mathematical models as tools of groundwater management; case histories of various levels of groundwater management; laboratory includes verification and prediction using finite difference models on computer systems. Lecture 3 hours, laboratory 3 hours including one field trip.
GEOL	4870	Watershed-Analysis	Includes basic surface hydrology, surface-groundwater interactions, hyporheic zone processes, wetlands for water treatment, agricultural and urban runoff, stream restoration, basic microbiology in watersheds, and contemporary problems in California Watersheds.
HIST	2050	Race and Ethnicity in United States History	This course explores U.S. history through the lens of race and ethnicity from the 1400s to the present, emphasizing race and ethnicity's intersections with gender and socio-economic class.
HIST	3400	Race, Ethnicity, and the History of US Civil Rights Movements	Examines the history of various modern U.S. social movements for racial and ethnic equality and justice.
HIST	3450	Rise of Urban America	Examines the growth and diversification of the infrastructure and population of American cities, and the challenges of maintaining civic relations, public health, and social opportunity for their residents.
HIST	3510	A History of Violence: Conflict, War, and Resolution	Conflict, violence, war and their relationships with gender, religion, science/secularism, and race/ethnicity; strategies for conflict resolution and peace. Course is global in outlook, using critical theory and case studies.
HIST	4010	History of Globalization: Themes and Continuities	Analysis of the economic, political, and cultural origins of globalization, and of the historical precedents and parallels for contemporary manifestations and consequences of the phenomenon.
HIST	4800	Ethnicity and Immigration in American History	Role of national, racial, and religious minority groups, and of immigration, in American history.

HNRS	1200	Reading Los Angeles: Engaging Cultural Expressions in a Global City	Explores cultural expression and creativity in globalized urban contexts. Interdisciplinary exploration of artistic and creative expression (literature, art, theater, dance, film, music, and other cultural forms) in Los Angeles.
HNRS	1300	Reading Los Angeles: Community and Structure in the Metropolis	Strategies for understanding the social, political, economic, and cultural structures and processes that shape the modern metropolis.
HNRS	3200	Humanities Approaches to Race, Ethnicity, and “Wicked” Problems	Interdisciplinary approaches to studying race, ethnicity, and a complex “wicked problem”-such as gentrification, human rights, or the HIV/AIDS pandemic-from the perspective of the arts and humanities.
HNRS	3300	Addressing “Wicked” Problems through the Social Sciences: A Case Study in Diverse Communities	This course provides an interdisciplinary approach to a complex “wicked problem”- such as food justice and social and economic inequality in diverse ethnic communities-from the social sciences perspective.
HNRS	3400	Addressing “Wicked” Problems: A Natural Sciences Case Study	This course is an in-depth study on a significant environmental and biological problem that has complex interactions with and profound impacts on our ecosystem and human society.
KIN	3820	Sociocultural and Psychological Analyses of Human Movement	Discussion of theories of motivation, arousal, aggression, and audience effects, as well as, the sociocultural role of sport and exercise in North American society.
KIN	4580	Environmental Exercise Physiology	This course explores the responses and adaptations of the human organism to exercise in various environments and studies the interaction between the multiple physiological systems during acute and chronic exposure and exercise.
LAS	1400	Introduction to Globalization, Race, and Place	Explores the role of race in structuring social relations around the globe, with special focus on the globalization of discourses about race and its intersectionality with socioeconomic class and gender.
LAS	3000	Immigrant Experiences and Social Justice in the Americas	Exploration of the diversity of immigrant experiences in the Americas and the social and cultural forces shaping them, community based inquiry and public sphere pedagogy with immigrant communities.
LAS	3420	Cultural Impact of Development	Impact of colonialism, neocolonialism and globalization on art, literature, music and identity in developing nations, especially in Africa and Latin America.
LAS	3500	Movements for Social Justice in the Americas	Examination of revolutionary and social justice movements in Latin America and among Latino communities in the U.S.; application of insights from these movements to social problems today.
LAS	4250	Latin Americans Responses to Imperialism and Globalization	The impact upon Latin America of U.S. world hegemony and the process of globalization and Latin American response to these forces. Major international issues confronting Latin America.



LBS	2340	Multicultural Arts, L.A.	Cultural, historical, social context for community/ municipal arts in L.A. (performance, visual, musical). Emphasis on race, ethnicity, class, gender, sexuality, youth, and intersectionality among these categories. Attend performances/ museums; discussion with artists/ experts. Some course sections may offer a service learning option.
LBS	2400	Introduction to Environmental Humanities	Interdisciplinary survey of texts that shaped modern understandings of environmental issues such as sustainability, climate change, and environmental justice.
LBS	2665	Multicultural Science Fiction	Science fiction literary traditions such as Afrofuturism, Latina/o futurism, Indigenous futurism, Asian and Asian American SF, and Euro-American SF.
LBS	3840	Globalization, Culture and Communication	Critical examination of globalization and its multiple sociocultural dynamics and communication challenges for global citizens. Emphasis on globalizing institutions, trans-border flows, international communication, social change, and cultural identities.
LBS	4000	Community Impact Media	Community engagement course in which CSULA students provide neighboring community youth from high schools and community arts centers with hands-on media making/storytelling mentorship toward the production of video projects written and directed by the youth filmmakers.
LBS	4600	Cultural Studies: Theories and Methods	Overview of historical, theoretical, and methodological underpinnings. Exploration of cultural identity, struggle, and representation.
LBS	4610	Public Humanities and Community Learning	Engaged arts/humanities: civic and/or service learning projects. Models for, and practical application of, cultural and social theory in collaboration with community-based arts/humanities artists and organizations.
MATH	4800	Modeling Biological Systems	Modeling techniques applied to biological systems. Topics include nonlinear dynamics, stochastic models, compartmental and spatial models, parameter estimation, methods of model evaluation, modeling complexities.
ME	4180	Renewable Energy and Sustainability	Global sustainability and the need for renewable energy; energy conversion concepts; latest power generation technologies; political, economic, and ethical complications associated with renewable energy technologies.
MGMT	4300	Leading and Managing in Healthcare Environments	Management functions and leadership processes in healthcare organizations, including in-depth review of managerial skills and organizational practices for successful performance.
MICR	3900	Applied and Environmental Microbiology	Interactions of microorganisms with their environment and the application of microorganisms in food and biotech industries, agriculture, and bioremediation. Emphasis on microbial diversity, distribution and microbial function within ecosystems.

MKT	3950	Community Based Social Marketing	Applies the marketing process to building, and developing community based programs in the surrounding Cal State LA community. Considers the role of local business, non-profits and government utilization of marketing to engage and shape community behaviors for collective good.
MKT	4510	Intercultural Business Communications	Analysis of communication issues in an intercultural or global business context; intercultural communication theories; intercultural business negotiations; role of nonverbal communication in doing business effectively.
ML	3000	Language Diversity in Urban America	Study of the nature and socio-cultural impact of language diversity in urban America.
ML	3300	Cross-Cultural Issues in International Film	Study of cross-cultural issues in international film from various countries. The class will focus on making connections between movies and the historical and societal concerns of their corresponding world regions.
MUS	3000	Career Planning and Working in the Community	Understanding the profession and the role of the artist in the community by articulating concepts of civic learning and community engagement, and identify areas of civic engagement.
NATS	1010	Physical Science	Basic concepts in physics and chemistry such as motion, energy, electricity, and the properties and transformations of matter. Open to all non-science majors.
NATS	4000	Crosscutting Concepts in Natural Science	Basic concepts in physics and chemistry such as motion, energy, electricity, and the properties and transformations of matter. Open to all non-science majors. Recommended for Elementary Subject Matter majors.
NATS	4950	Natural Science Field Studies	Interdisciplinary application of the concepts of science for field and laboratory studies of the physical and biological environments.
NATS	4960	Natural Science Field Studies and Pedagogy	Design, propose, and conduct an interdisciplinary science field/laboratory project and present project findings in written and oral formats. Create a related secondary instructional unit and peer-teach selected lessons. Strategies, objectives, and methods in the teaching of science in the urban setting.
NSS	1200	Water and Life in the Los Angeles Basin	Introductory geology and biology, the interaction of biological and ecological systems with the earth and the water cycle; social dimensions of water use in the LA Basin.
NSS	1300	Bioclimatology	This course introduces scientific evidence and theory for global climate change and its impacts on terrestrial biological systems.
NTRS	2100	Foundations of Food	Introduction to foods as a profession. Principles and procedures of food preparation including selection, storage, food sanitation, product evaluation, and meal management.

NTRS	2500	Human Nutrition	Nutrition and its relation to health, behavior, growth, development, and aging.
NTRS	3120	Cultural Cuisine	Cultural food patterns represented regionally, nationally and internationally; food choices, typical dishes, menus, nutritional aspects, purchasing, preparation techniques, equipment, and significance in cultural settings.
NTRS	3170	Fundamentals of Human Nutrition	Scientific role of nutrients in the body and in development, growth and maturation.
NTRS	3510	Adult Nutrition	Nutritional needs and common diseases afflicting adults; promotion of adult health by nutritional intervention.
NTRS	3570	The Changing Food Supply: Impact on Health	Changing food consumption patterns since our ancient ancestors, and the subsequent impact on health. Agricultural systems and food availability, and their impact on today's established cultural food habits will be explored.
NTRS	4100	Experimental Foods	Application of scientific principles to experimental methods in food preparation and recipe analysis.
NTRS	4180	Community Nutrition	Community nutrition problems, agencies, and programs. Service learning course.
NTRS	4910	Advanced Community Nutrition: Program Planning and Evaluation	The focus of this course is program planning, intervention and evaluation of community nutrition programs, especially amongst underserved neighborhoods.
NURS	4420	Community/Public Health Nursing	Synthesis of nursing theories and public health science applied to assessing and promoting the health of at risk populations: communities, families and aggregates.
NURS	4430	Practicum: Community Health Nursing	Nursing in the community: experiences in home health, family focused care, and population based nursing in the community.
NURS	4700	Community/Public Health Nursing	Synthesis of nursing theories and public health science applied to assessing and promoting the health of communities and aggregates at risk in the population, including the risks to communities from bio-terrorism.
NURS	4710	Community/Public Health Nursing Lab	Application of the nursing process, levels of prevention and public health theories and strategies in vulnerable clients, families, and aggregates.
PAS	1400	Introduction to Globalization, Race, and Place	Explores the role of race in structuring social relations around the globe, with special focus on the globalization of discourses about race and its intersectionality with socioeconomic class and gender.
PAS	3420	Cultural Impact of Development	Explores the role of race in structuring social relations around the globe, with special focus on the globalization of discourses about race and its intersectionality with socioeconomic class and gender.

PAS	3810	Literary Explorations of Racism and Justice	Analysis of the literary depiction of racism and justice, with emphasis on the treatment of civil rights issues in fiction, drama, and poetry.
PAS	3822	Ethnicity and Emotions in U.S. Film	Critical Analysis of the Representation of Ethnicity and Emotions in U.S. Film.
PAS	4400	Power and the African American Community I	Study of power relations in African American communities, including the interactions between community and dominant institutions.
PH	1500	Health and Wellness	Current health and safety issues with an emphasis on disease prevention and wellness by evaluating current health knowledge and skills that can be incorporated into one's daily living or the health of groups and societies in contemporary culture.
PH	3750	Health Disparities in Urban Communities	Health disparities affecting children and families in urban communities characterized by multiple diversity factors are explored. The intersectionality of factors and processes for promoting health equity and wellness are examined.
PH	3760	Issues in Global Health	Explores the emerging health challenges to people in the developing world. The effects of ecological, social, economic, and political changes on health are examined.
PH	3770	Environmental Justice	Use of epidemiology in environmental health. Morbidity and mortality in communities of color and lower economic status due to disproportionate distribution of environmental contaminants.
PH	3780	Current Issues in Urban Health	Explores the health problems of Los Angeles, a diverse urban area. This course will examine the nature and epidemiology of local health problems, assess the systems in place to address them, and discuss interventions to address these problems.
PH	4140	General Principles of Environmental Health	General scope of disciplines within environmental health field; routes of entry into those disciplines.
PH	4150	Critical Issues in Health Policy	This course examines the process of health care policy making, focusing on current, critical policy issues including cost and access to care, public health and government programs.
PH	4220	Vulnerable Populations	This course will focus on the health care needs and access to and quality of care received by a variety of vulnerable populations in the United States.
PH	4240	Drugs and Health	Study of psychoactive drugs; drug-taking behaviors and issues related to dependence; physiological, psychosocial, legal and political aspects of drugs and health; strategies for drug abuse prevention, education and intervention.

PH	4320	International Health	Review and analysis of historical and modern efforts to solve health problems; survey of global health problems; analysis of the role of international health agencies.
PH	4340	Health Promotion	Foundations of health promotion and health promotion program content including behavior modification; development and implementation for use in corporate medical care and community settings.
PHIL	2200	Contemporary Moral and Social Issues: An Intersectional Approach in a Multicultural Society	Philosophical examination of values, assumptions, and arguments concerning moral and social issues. Intersections with race, ethnicity, gender, class, and sexuality. Possible topics include, reproductive rights, poverty, marriage, identity politics, and justice.
PHIL	2230	Race, Diversity and Justice	Philosophical examination of justice and its relations to individual, social and political treatment of differences in race and ethnicity. Intersections with gender, sexuality, and class are considered. May include optional service learning.
PHIL	3290	Philosophy, Race, and Ethnicity: An Intersectional Approach	Philosophical investigation into the concepts of race and ethnicity, the metaphysical, moral and political issues raised by them as they intersect with gender, class, and sexuality.
PHIL	4290	Bioethics	Philosophical consideration of moral issues concerning health and health care, such as decisions about death, reproductive choices, medical experimentation, and justice in allocating health resources.
PHYS	1560	Physics for the Twenty-First Century	Current topics in physics that will play a significant role in social and economic issues of the 21st century. Fundamental physics concepts necessary to understand these topics.
PHYS	3700	Energy and the Environment	The physics of energy conversion including the environmental and cost advantages and disadvantages of energy sources - fossil fuels, nuclear, solar, hydroelectric, biomass, wind, tidal, and geothermal.
POLS	3420	Rights and Justice	This course analyzes the evolution of the freedom of speech and equal protection in the United States, with particular emphasis on issues of race and ethnicity.
POLS	3580	Environmental Policy and Management	Evaluate the social cost of environmental damage from multiple perspectives and government efforts to ameliorate those costs; equity, efficiency, and effectiveness of various public policies designed to address environmental damage.
POLS	4040	Urban Government and Politics	Problems of political influence, public policy, intergovernmental relations, and formal structure in American urban areas.

POLS	4090	US Minority Politics	Overview of ethnic politics in U.S. from both historical and contemporary perspectives; American Indian, Asian, black, and Hispanic political movements in U.S.
POLS	4201	Model United Nations	This is a course on the United Nations (UN) system intended to prepare students for their role as delegates at the national Model UN conference.
POLS	4202	Model United Nations	This course is intended to examine the political, social and economic background of the assigned country for the National Model UN Conference.
POLS	4460	Global Legal Studies	Examine the international legal system, and the use of law to address contemporary world problems, including an analysis of the social context of law and the comparative approach to its study.
POLS	4610	Dynamics of Urban Administration, Urban Admin	Examines the politics of governing urban areas characterized by diverse and dynamic populations, needs and interests with a focus on the role of civic engagement in addressing complex urban problems.
PSY	4390	Racial/Ethnic Minority Mental Health	A critical evaluation of the research and clinical applications of cross-cultural psychology on mental health issues, including racism, relevant to Asian Americans, African Americans, and Latinos.
PSY	4450	Community Psychology - Service Learning	Applies principles of social and clinical psychology to community problems and well-being; analysis of social systems; introduction to community mental health and community change. Includes service learning option: students volunteer in community agency.
PSY	4650	Multicultural Psychology: Current Issues and Research	Theoretical and empirical approaches to the psychological understanding of diverse cultural groups. Conceptualizations of similarity and difference. Current findings and methodological issues in multicultural research.
PSY	4850	Directed Field Experience in Community Clinical Psychology	Application of psychological principles (interviewing, counseling) in supervised settings: service agencies, mental health centers, halfway houses, etc. Lecture, problem solving meetings, self and agency evaluation reports.
RELS	3110	Seeking the Holy: Ancient Traditions, Modern Practices	Comparative analysis of the ways in which texts, objects, environments, spaces, music and rituals associated with ancient religions shape contemporary human spiritual and social practices.
RELS	3500	Religion, Spirituality, and Ethnic Identity	Examination of religion and spirituality as forms of ethnic identity, including the use of religion to justify racial/ethnic discrimination and to challenge racial/ethnic discrimination.
RELS	3650	Science and Religion	Comparison of goals, methods, settings, and practitioners of religion and science, past and present, through an examination of historical and present-day case studies.

RELS	4705	Religion and Spirituality in American Indian Communities	Religious and spiritual traditions in American Indian, First Nations, and Alaska Native communities, from both historical and contemporary perspectives, with emphasis on indigenous perspectives.
SOC	3000	Cultural Emotions	Cultural diversity of emotions in context of racial/ethnic cultures, socialization, relationships and social movements worldwide. Social structural causes of racial/ethnic conflict and harmony as analyzed through emotional feeling and expression.
SOC	3300	Social Issues in the Urban Setting	Social issues in urban setting; technological and economic changes; ethnic, cultural and class diversity; cross-cultural comparisons; population and environmental concerns; and social planning.
SOC	3480	Sociology of Race/Ethnicity, Class, and Gender	Sociological examination of race/ethnicity, social class, and sex/gender as bases of inequality and the processes by which inequalities are maintained or reproduced; emphasis on race/ethnicity and intersectionality of factors.
SOC	4230	Sociology of Globalization and Resistance	Sociological analysis of globalization as a contested process; emergence of global societies, political structures, and movements; social forces advancing global neoliberalism; resistance by workers', indigenous, women's, and environmental transnational movements.
SOC	4300	Urban Sociology	Urban community and urbanization as contemporary social process; consideration of urban areas, institutions, values, and problems; social and demographic characteristics, urban and suburban change and planning.
SOC	4330	Bioethics and Sociology	Sociological analysis of ethical and legal issues concerning health, including dilemmas in health care delivery, reproduction, the beginning and end of life, institutional ethics committees, genetic testing, and new medical technologies.
SOC	4480	Social Class and Inequality	Examination of sociological theory and research bearing on social stratification; social differentiation: class position, class interests, correlates of social class; trends in occupational mobility; comparison of stratification systems.
SOC	4600	Race and Ethnic Relations	Structure and change of minorities in society; theories and research: historical, contemporary, and comparative; processes of adjustment: patterns of immigration, prejudice, discrimination, assimilation, pluralism, conflict, and social movements.
SOC	4870	Environmental Policy, Law, and Society	Sociological aspects of environmental policy and law; relationship between societies and environmental problems regarding air and water quality, endangered species, toxic chemicals, energy, and natural resources; policy tools and analysis.

SW	3620	From Institutional Racism to Cultural Competency	This course provides an introduction to the theories and factors underlying racism, the institutionalism of racism, and the development of cultural competency to combat racism.
SW	3710	Culturally Competent Social Work Practice	Instruction in the delivery of culturally competent social work services with diverse groups in society.
SW	3711	Human Behavior and Social Environment: Prenatal through Early Adolescence	Application of social work practice principles, values, knowledge, and skills in assessment of human behavior within context of social environment from birth to early adolescence.
SW	3712	Human Behavior and the Social Environment: Late Adolescence through Old Age	Application of social work practice principles, values, knowledge, and skills in assessment of human behavior within context of social environment from late adolescence through old age.
SW	3762	Cross Cultural Practice with Older Adults	This course exposes students to cross cultural and direct practice with older adults through examination of ethnicity, age, race, gender, social class, and religion to meet the health and human services needs of the increasingly diverse aging segment.
SW	3820	Community Organizing	This course applies stages of the generalist social work method to community organizing, community analysis, dynamics of social power and formal organizations.
SW	4630	Diversity and Intersectionality in Social Work	This course presents theories of diversity and intersectionality applicable to social work, examines the impact of diversity issues on clients, and applies these ideas to working with diverse clients.
SW	4840	Community Engagement, Service Learning, and Practice with Youth	This course prepares students to work with youth using the empowerment model and contextualizes social work courses on human behavior and child welfare policy.
SW	4860	Social Work Practice with Lesbian, Gay, Bisexual and Transgender People	The purpose of this course is to enhance students' professional competence with lesbian, gay, bisexual, and transgender (LGBT) people.
SW	4900	Latino Mental Health	Psychosociocultural aspects of mental health problems and issues within Latino community; factors affecting mental/emotional well-being, the design and delivery of culturally based services, and implications for practice and research. Service in an agency serving Latino clients is required. This course requires service learning.
TA	4762	Community-Based Theatre	The study and practice of community-based theatre for engaging diverse communities.
TECH	3500	Fire Protection and the Community	Relationship of fire service and fire protection needs to critical urban issues, affirmative action, public education, communication with minority groups, interdepartmental and intradepartmental relations.



TECH	3700	Sustainable Energy and Transportation	Comprehensive review of traditional and sustainable power technology: available energy forms; power conversion, coal, nuclear, wind power, photovoltaics, fuel cells; mobile applications, engines, clean transportation; energy management.
TVF	3340	“Race,” Justice and the Mass Media	Examines the history of race and racism in US society and culture. Emphasizes historical role of the media in the cultural politics of “race” and racism within the US and between the US and other nations.
TVF	4000	Community Impact Media	Community engagement course in which CSULA students provide neighboring community youth from high schools and community arts centers with hands-on media making/storytelling mentorship toward the production of video projects written and directed by the youth filmmakers.
TVF	4240	Multiculturalism, Media and Social Justice	This course is designed to illuminate socio-political and cultural processes through which ideas of “race”/ethnicity are constructed and contested in history of US society and culture with emphasis on media representations.
ULRN	4130	Literacy and the Urban Community	Basic concepts of emerging literacy in the urban community: family literacy, language acquisition, phonemic awareness and techniques for integrating early reading, writing, listening, and speaking skills. Field site application through community based experiences and service learning.
ULRN	4140	Integrated STEM Project-Based Learning in Urban Environments	Identification and analysis of STEM-based problems in urban environment. Development of functional and aesthetic design processes, planning, development and evaluation of integrated solutions. Campus and field-based explorations, critical STEM literacy.
ULRN	4190	Senior Seminar in Urban Schooling	Capstone course for students in the Urban Learning major. Reading, writing, discussion and reflection on topics and issues relating to teaching and learning in urban schools.
URBA	1800	The Urban World	Worldwide issues relating to the physical, technological, economic, political, historical, sociological and environmental characteristics of urban areas.
WGSS	3650	LGBTQ Cultural Production	An introduction to literatures, films, fashions, visual arts, and other cultural materials produced by and about lesbian, gay, bisexual, transgender, and queer people.
WGSS	3720	Reproductive Justice	Historical and contemporary contexts of reproductive justice as a social justice issue shaped by socio-political, cultural, physical, and economic influences and intersections with gender, gender identity, sexuality, race, ethnicity, socioeconomic class, immigration, age, and ability.
WGSS	4000	Knowledge, Power, and Research Justice in Women’s, Gender, and Sexuality Studies	An overview of methods, the politics of knowledge and methodology, and development of research projects in Women’s, Gender, and Sexuality studies.

WGSS	4480	Sexualities and Gender Diversity in Global Perspective	This course examines the diversity of forms of sexuality and their relationship to gender constructs around the world, with a focus on non-Western societies.
WGSS	4840	Chicana/Latina Narratives and Community History	Students learn to conduct oral history interviews, and analyze the narratives told by Chicana and Latina women about the communities in which they have lived, worked, and participated.
			<b>Total: 243</b>

<b>Sustainability-Included Courses: Graduate</b>			
Prefix	Cat#	Course Title	Course Description
BIOL	5430	Seminar: Ecology - Environmental Biology	Advanced study of selected topics in methods of data analysis.
BUS	5023	Marketing Strategy for a Global Environment	Investigates marketing imperatives, principles, and philosophy in a dynamic global environment. Emphasizing the process of selectivity and concentration, customer value, differential advantage, and integration when developing marketing plans and strategy.
BUS	5026	Global Business Environment	National, political, economic, socio-cultural, and ethical differences; international trade policies and institutions; foreign direct investment; regional economic integration; international monetary system; global competition and business operations; current trends and developments.
CE	5750	Urban Transportation Planning	Travel forecasting, data requirements, collection methods, trip generation and distribution models; modal split analysis, trip assignment, plan alternatives, and evaluation methodology.
CE	5790	Environmental Mass Transfer	Study the fate of contaminants in the environment. Emphasis on the fundamentals of mass transfer including: sorption/desorption, contaminant retardation, vaporization and dissolution of Non-aqueous Phase Liquids (NAPL), and other phenomena.
CE	5800	Advanced Environmental Modeling	Numerical methods are used in this course to solve complex environmental transport equations. The emphasis is on finite difference and finite element methods. Topics include derivation of mass-balance-based transport equations, algorithm development for models that range from simple steady-state homogeneous isotropic condition to complex transient heterogeneous anisotropic condition, and implementation into a computer program.
CE	5820	Statistical Hydrology	Statistical and probability analysis of hydrologic processes. Frequency analysis of extreme hydrologic events. Application of correlation and regression method to hydrologic variables. Elementary time series analysis of hydrologic data. Uncertainty and risk analysis.
CE	5830	Hydrology II	Space-time characteristics and mechanics of rainfall, surface run-off and infiltration. Theory of drainage basin dynamics. Low stream flow.

CE	5850	Environmental Transport	Transport in water and air emphasizing exchanges across boundaries such as sediment-water and air-water; particles, droplets, and bubbles; effect of reactions on transport; linkages between physical, chemical, and biological processes.
COMS	5150	Seminar: Cultural Studies	An examination of the history, theories and scholarship of cultural studies, with a particular focus on popular culture as a site of social power dynamics and contestation.
COMS	5890	Seminar: Intercultural Communication	Contemporary theories, research perspectives and significant cultural influences relating to communication between cultures.
COUN	5103	Multicultural Counseling	Effect of social environment and cultural group membership on behaviors related to counseling; relationship of social and cultural background to counseling practices; implications of cultural diversity.
CRIM	5200	Multiculturalism in Criminal Justice	This course utilizes an intersectional framework to examine the historical and current relevance of race, class, gender, and sexuality to: (1) individuals and communities; (2) the experiences of offenders, victims, and criminal justice personnel; and (3) policy development, power dynamics, and the administration of criminal justice.
CRIM	5300	Theories and Perspectives in Criminal Justice	Functions of theory building and testing as fundamental parts of scientific method in criminal justice; examination and evaluation of criminological theories.
CRIM	5380	Seminar: Criminal Justice Problems	Advanced investigation and reports on selected critical problems in criminal justice; emphasis on scientific method and acquaintance with reliable methods of research.
ECON	5000	Fundamentals of Business Economics	Business Economics: markets, demand, consumer behavior, nature of firms, measuring economic activity, inflation unemployment, money and banking, and the role of the government.
ECON	5600	Seminar: Current Issues in Economic Development	In-depth analysis of contemporary economic issues in developing countries, for example, population growth, domestic and foreign investment, technology, trade, foreign aid, external debt, and government policy.
ECON	5610	Seminar: International Economics	Analysis of current international issues concerning cross-border trade and capital flows; methods of trade policy analysis; implications of regional and global economic integration.
EDAD	5063	Pluralism, Collaboration, and Social Justice	This course prepares the candidate to understand the role of instructional leaders in the political, social, and cultural context of the school, collaboratively working with diverse families in a pluralistic community-setting.

EDAD	5520	Seminar: Instructional and Organizational Change in Socio-Culturally Diverse Schools	A hands-on approach to relevant organizational theories for creating change to meet the needs of socio-culturally diverse schools and communities.
EDAD	6050	Advocacy, Community Engagement and Governance: The Social and Political Contexts of Education	Examines research on the role of social movements, civic activism and community-based organizing in building advocacy and leadership for school reform analysis of interagency and intergovernmental politics and practices.
EDCI	5110	Advanced Classroom Assessment in the Urban School	An advanced treatment of the field of classroom assessment emphasizing authentic methodologies focusing on urban classroom settings in context of differentiated instruction, pedagogy and foundations of education.
EDCI	5350	Teaching for Cross-Cultural and Global Awareness	Instructional strategies, materials, resources for examining cross-cultural and global education issues in the classroom.
EDCI	5540	Research and Methods for Teaching in Bilingual/Cross-Cultural Classrooms	Exploration and application of research-based pedagogy in programs for English learners in bilingual/cross-cultural and dual language classrooms. Includes focus on SDAIE and assessment. Fieldwork required.
EDCI	5570	Research and Pedagogy for the Bilingual Learner: Exploring Cultural Impact	Traditions, roles, status, communication patterns of culture as experienced in specified country(ies) and the U.S. Cross-/inter-/intra-cultural relationships/interactions and cultural contributions in California and the U.S. [i.e. Chicano/Latino; Chinese/Chinese American]. Fieldwork is required. Course conducted bilingually in target language and English.
EDCI	5600	Principles and Practices of Curriculum in Urban Schools	Curricular trends in historical perspective; sociological change, research in child growth and development, basic philosophies. Objectives, practices, materials, evaluation in curriculum development process including school reform and transformation.
EDCI	5850	Characteristics of Social Change in Urban Schools	Exploration of the connections between the role of research, the theories of social and cultural foundations of education, and practical realities of social change in local communities.
EDCI	5900	Creating a Healthy and Effective Classroom Climate	Creating advanced examination of the area of classroom management; strategies for creating a healthy classroom environment.
EDCI	6350	Teachers, Leadership, and Power in Urban Schools	Analysis of research, policy, and practice on teacher leadership in instruction and school culture; barriers created by school structures and teaching culture; teacher leadership impact on school reform, student outcomes.
EDCI	6600	Teaching and Learning in Diverse Urban Settings: Equity, Access, and Achievement	Historical, political, and sociohistorical, perspectives of curriculum theory and its relationship to schooling; curricular foundations of instructional leadership for equity in urban schools; curriculum as context for teaching and learning.

EDCI	6620	Cultural Sensitive Pedagogy in Early Childhood Settings	Leadership issues in culturally relevant and responsive pedagogy; leading culturally sensitive instructional strategies to engage families, (parents, caregivers) and community members as active partners in early childhood education.
EDCI	6770	Leadership in Curriculum and Assessment for Linguistically and Culturally Diverse Urban Students	Theories/practices of curriculum and assessment; curriculum contexts, change, continuity, articulation, and censorship; cutting edge content trends; resource optimization for transforming curriculum; constructing evidence-based decision-making cultures that improve student outcomes.
EDFN	5500	Contemporary Social Theory and Issues in Urban Education	Introduction to and examination of conceptual frameworks and methods of contemporary social theories (e.g., social reproduction theory, postmodernist/poststructuralist theory, feminist theory, postcolonial theory, critical race theory, and critical pedagogy as related to issues of class, race/ethnicity, gender, power, and equity in urban schooling.
EDFN	6020	Research Methodologies for Urban Educational Leadership	Research methods applicable to equity and inclusion issues impacting urban education. Topics include qualitative, quantitative, mixed methods research designs, measurement, evaluating quality in educational research, elements of a research proposal.
EDFN	6052	Laboratories of Practice: Community Research Lab	Faculty-supervised field practicum with community partners on the issues and research needs of local educational organizations; exploring communities as research settings; applying community experiences to planning dissertation research.
EDFN	6140	Evaluation Methods for Urban Education Leadership	A comprehensive survey of program evaluation principles, methodologies, designs, effective use of evaluation data for decision making, and state and federal evaluation requirements for educational leaders.
EDFN	6411	Using Qualitative Research to Explore Teaching and Learning for Diverse Urban Settings	Traditions and methods of qualitative research; knowledge and skills to understand, design and conduct qualitative research; using qualitative data and analyses to identify and understand educational issues and problems.
EDSE	5101	Research on Characteristics and Needs of Urban Secondary Schools, Families, and Students	Exploring implications of planning and management choices on specific student populations, understanding school climate and exploration of understandings of families and students within targeted urban communities.
EDSE	5490	Contextual Fieldwork Laboratory for Transforming Urban Schools	Laboratory Course gives students an opportunity to be placed into schools for 2 hours per week examining the contextual features that help teachers explicitly connect theory to practice.
EDSE	5900	Teaching in Multicultural Middle and Senior High School Classrooms	Course examines research-based strategies for designing, implementing and evaluating culturally appropriate and student-centered curriculum and instruction in multicultural, urban middle and secondary classrooms.

EDSP	5811	Seminar: Issues and Strategies for Multicultural Special Education Students	Introduction to special education for multicultural/bilingual exceptional students, issues in nondiscriminatory assessment, instructional strategies for multicultural/bilingual special education students.
EDSP	6000	Seminar: Understanding and Using Research to Answer Questions about Diverse Urban Schools	Development of critical analysis, interpretation, synthesis of research, and communication of findings on issues related to students with disabilities in diverse urban schools and colleges to promote achievement and inclusion.
EDSP	6400	Research on Exceptional Students from Diverse Cultural and Linguistic Backgrounds	Research on the relationships among culture language, and literacy; impact of disabilities on language, cognition, and academic achievement; identification and placement issues/strategies; and culturally responsive educational settings.
EE	5360	Renewable Energies in Power Systems	Features of renewable energy sources, issues of power systems with high penetration of renewables, power balance/frequency control, modeling and simulation of wind and photovoltaic units, Storage systems.
GEOG	5300	Seminar: Urban Social Systems	Growth and nature of urban social systems in selected cities and metropolitan areas; theories of urban structure and problems; improving quality of urban life; comparisons of cities in various countries.
GEOL	5200	Environmental Isotope Geochemistry	This course will introduce students to isotope geochemical processes and tools and its use in environmental geochemistry. Applications include contaminant hydrogeology, water resources and climate change.
GEOL	5250	Sedimentary Processes, Environments, and Structures	Identification and analysis of sedimentary structures and hydrodynamically generated bedforms to determine sedimentary processes and environments of deposition.
GEOL	5630	Water Quality Seminar	Contemporary issues in water quality, including contaminant transport, pollutants in surface and ground water, natural attenuation, engineered bioremediation, monitoring wells, soil sampling procedures, and vadose zone monitoring.
KIN	5070	Cultural Analyses of Sport in the United States	Examination of research focused on cultural analyses of sport as a sociocultural system with an emphasis on diverse populations. Focuses on theoretical and conceptual issues in the sociology of sport.
MGMT	5102	Sustainability, CSR, and Business Ethics	Analysis of organizations' policies and practices using frameworks of sustainability and corporate social responsibility. Analysis of dilemmas presented to business executives and professionals using theories of ethics / business ethics.

MKT	5950	Community Based Social Marketing	Explores building, developing, and managing community based social marketing tactical/strategic programs. Explores business, non-profit and government utilizing marketing management processes to engage and shape community behaviors for collective good.
NURS	5422	Group, Family, Community, and Agency Interventions in Psychiatric Nursing	Advanced psychiatric nursing evidenced based interventions with clients that are other than individuals. Students will learn principles of family development, family therapy, and organizational change.
NURS	5780	International Health Perspectives	Global nurse practitioner practice, meeting health care needs unique to developing, underserved nations and international travelers. Includes assessment, diagnosis, and management of tropical disease and health promotion/disease prevention.
POLS	5835	Arts and Cultural Administration	This course examines the basic components of arts and cultural administration in government agencies and, to a lesser extent, nonprofits. Students will learn the foundation and history of arts and cultural administration, the impact of arts on society and the economy, how different types of arts and cultural facilities are managed as well as arts and cultural policies.
POLS	5850	Seminar: Regulation, the Environment and California Public Policy	The interrelationships among regulatory policies, environmental problems and public policy in California.
POLS	5864	Collaborative Governance	This elective course addresses the changing nature of governance skills, which increasingly require intergovernmental and inter-sectoral cooperation to address complex public problems.
POLS	5865	Negotiation and Conflict Management for Administrators	This elective course addresses the question, "what is the best way for people to deal with their differences?" Introduction to conflict in organizations, methods of negotiating differences for positive outcomes.
PSY	5650	Seminar in Multicultural and Cross-cultural Psychology	Current findings and critical issues relating to ethnic minority and other culturally different groups, including Black/African American, Latino(a), Chicano(a), and Asian cultural groups; sexual minorities; and differently abled groups. The application of psychological principles toward alleviating psychosocial problems faced by culturally different groups.
SOC	5300	Sociology of Urban Life	Examination of major approaches to the study of cities and different urban problems afflicting cities globally; consideration of gender, race, culture, immigration and economic and political forces affecting urban life.
SOC	5600	Seminar: Race, Ethnicity, Power, and Justice	Examination of theories and research on race, ethnicity, systemic and institutional racism and inequality, and multiracial and antiracist movements for social justice.

SW	5101	Human Behavior and the Social Environment I	Human growth and development from birth through early childhood, including views based on biological, psychological, cultural, interpersonal, and social structural assumptions. Examination of theoretical perspectives that discuss human development and behavior across the life course from a multidimensional context and that present applications to social work.
SW	5102	Human Behavior and the Social Environment II	Building on theoretical knowledge associated with human behavior/development, this course examines normative biopsychosocial developmental issues from middle childhood into young adulthood and the influence of contextual variables on development.
SW	5103	Human Behavior and the Social Environment III	Building on theoretical knowledge associated with human behavior/development, this course examines normative biopsychosocial developmental issues from middle adulthood into late adulthood and the influence of contextual variables on development.
SW	5202	Foundational Principles of Therapy, Counseling, and Services	Theory and practice focusing on the problem-solving approach, psychodynamic techniques, and crisis intervention.
SW	5204	Advanced Models of Therapy, Counseling, and Services	Practice theory and skill development derived from a variety of frameworks for selective application in professional social work practice with diverse, cross-cultural, and micro-level systems.
SW	5302	Community Organizing	Social work interventions with natural and formed groups; understanding of community development, especially in low-income and under-represented communities; community organizing theories and analysis.
SW	5304	Advanced Policy Analysis and Practice	Analysis of federal, state, and local policies affecting social welfare populations; impact of demography, diversity, and intergenerational claims on shaping policies; advocacy to promote social justice in policy-making and implementation.
SW	5805	Policy and Practice in Public Child Welfare	This course examines contemporary practice in California's public child welfare systems in the context of current policy and administrative issues.
			<b>Total: 68</b>