

**Sustainability Courses: Undergraduate**

Prefix	Cat#
ANTH	4260
BIOL	3800
BIOL	4200
BIOL	4320
BIOL	4620
BIOL	4720
CE	2200
CE	2840
CE	3520
CE	3580
CE	3840
CE	3860
CE	4650

CE	4790
CE	4800
CE	4840
CHEM	1000
CLS	3770
COMM	3720
ECON	3340
ECON	4340
EE	3310
ENGL	4840
GEOG	3090
GEOG	3100

GEOG	3120
GEOG	3330
GEOG	4030
GEOG	4150
GEOG	4580
GEOG	4650
GEOL	2200
GEOL	3330
GEOL	4220
GEOL	4350
HNRS	1300
HNRS	3400
LBS	2400
ME	4180
MICR	3900
MKT	4320

NATS	4950
PH	3770
PH	4140
PH	4210
PHYS	3700
POLS	3580
SOC	4870
TECH	3700
ULRN	4140
URBA	1800

**Sustainability Courses: Graduate**

Prefix	Cat#
BIOL	5430
CE	5790
CE	5800
CE	5850

ECON	5450
GEOL	5200
GEOL	5250
GEOL	5600
MGMT	5102
MGMT	5102
MKT	5320
PH	5130
POLS	5850

**Sustainability-Included Courses: Undergraduate**

Prefix	Cat#
AAAS	2100
AAAS	3510
AAAS	3540
AAAS	4530
AAAS	4850
ANTH	1500

ANTH	3000
ANTH	3200
ANTH	4220
ANTH	4340
ART	2090
ART	2400
ART	3170
ART	3900
ART	4090
ART	4600
BIOL	4700
BUS	2500
BUS	4150
CDIV	4810
CE	4830
CE	4850
CHDV	2250
CHDV	2500

CHDV	3210
CHDV	3730
CHDV	3750
CHDV	4360
CLS	3320
CLS	3400
CLS	4170
CLS	4255
COMD	4750
COMM	2890
COMM	3420
COMM	3840
COMM	3890
COMM	4160
COMM	4410
COMM	4860

CRIM	2100
CRIM	4460
CRIM	4930
ECON	3500
ECON	3600
ECON	3650
ECON	4400
ECON	4600
ECON	4610
ECON	4620
ECON	4650
ECON	4720
ECON	4900
EDCI	4000
EDCI	4270

EDEL	4660
EDEL	4670
EDFN	3130
EDFN	4200
EDFN	4400
EDIT	4100
EDSE	4101
EDSE	4480
EDSE	4481
EDSE	4482
EDSE	4491
EDSE	4492
EDSP	4000
EDSP	4001

EDSP	4061
EDSP	4760
EDSP	4900
EDSP	4901
EDSP	4902
ENGL	2665
ENGL	3810
ENGL	3822
ENGL	4210
ENGL	4690
FIN	2050
FIN	3050
FIN	4310
GEOG	1550
GEOG	1600
GEOG	3760
GEOG	4460

GEOG	4630
GEOG	4760
GEOL	1550
GEOL	1580
GEOL	3120
GEOL	3570
GEOL	4850
GEOL	4870
HIST	2050
HIST	3300
HIST	3400
HIST	3450
HIST	3510
HIST	4010
HIST	4800
HNRS	1200

HNRS	3200
HNRS	3300
JOUR	2920
KIN	3820
KIN	4580
LAS	1400
LAS	3000
LAS	3420
LAS	3500
LAS	3800
LAS	4250
LBS	2340
LBS	2665
LBS	3840
LBS	4000
LBS	4600

LBS	4610
MATH	4800
MGMT	4300
MKT	3950
MKT	4510
ML	3000
ML	3300
MUS	3000
NATS	1010
NATS	4000
NATS	4960
NSS	1200
NSS	1300
NTRS	2100
NTRS	2500
NTRS	3120
NTRS	3170
NTRS	3510

NTRS	3570
NTRS	4100
NTRS	4180
NTRS	4910
NURS	4420
NURS	4430
NURS	4700
NURS	4710
PAS	1400
PAS	3420
PAS	3810
PAS	3822
PAS	4400
PH	1500
PH	3750
PH	3760
PH	3780
PH	4150
PH	4220
PH	4240

PH	4320
PH	4340
PHIL	2200
PHIL	2230
PHIL	3290
PHIL	4290
PHYS	1560
POLS	3420
POLS	4040
POLS	4090
POLS	4201
POLS	4202
POLS	4460
POLS	4610
PSY	4390
PSY	4450
PSY	4650

PSY	4850
RELS	3110
RELS	3500
RELS	3650
RELS	4705
SOC	3000
SOC	3300
SOC	3480
SOC	4230
SOC	4300
SOC	4330
SOC	4480
SOC	4600
SW	3620
SW	3710
SW	3711

SW	3712
SW	3762
SW	3820
SW	4630
SW	4840
TA	4762
TECH	2500
TECH	3500
TVF	3340
TVF	4000
TVF	4240
TVF	4665
ULRN	4130
ULRN	4190
WGSS	3720
WGSS	4000
WGSS	4480

WGSS	4840

**Sustainability-Included Courses: Graduate**

Prefix	Cat#
BUS	5023
BUS	5026
BUS	5028
CE	5750
CE	5820
CE	5830
COMS	5150
COMS	5890
COUN	5103
CRIM	5200
CRIM	5300
CRIM	5380
ECON	5000

ECON	5600
ECON	5610
EDAD	5063
EDAD	5520
EDAD	6050
EDCI	5110
EDCI	5350
EDCI	5540
EDCI	5570
EDCI	5600
EDCI	5850
EDCI	5900
EDCI	6350
EDCI	6600
EDCI	6620

EDCI	6770
EDFN	5500
EDFN	6020
EDFN	6052
EDFN	6140
EDFN	6411
EDSE	5101
EDSE	5490
EDSE	5900
EDSP	5811
EDSP	6000
EDSP	6400
EE	5360
GEOG	5300

GEOL	5630
KIN	5070
MKT	5950
NURS	5422
NURS	5780
POLS	5835
POLS	5864
POLS	5865
PSY	5650
SOC	5300
SOC	5600
SW	5101
SW	5102

SW	5103
SW	5202
SW	5204
SW	5302
SW	5304
SW	5805
TECH	5720
TVFT	5080

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Course Title

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Perspectives and Methods in Environmental Archaeology

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Ecology and Evolution

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Global Change

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Fundamentals of Toxicology

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Plant Ecology

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Marine Ecology

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Coastal Zone Management

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Environmental Engineering I

---

Technological Aspects of Urban Environment

---

Environment, Earth Systems and Technology

---

Environmental Engineering II

---

Design of Water Resources Systems

---

Seismic Design

---

Groundwater Contamination and Remediation

---

Environmental Modeling

---

Environmental Engineering Design

---

Molecules Matter

---

Environmental Justice

---

Media, Communication and the Environment

---

Environmental Issues and Policy

---

Environmental Economics

---

Energy and the Environment

---

Environment, Ecology, and Literature

---

Urban Environmental Pollution

---

Urban Climatology

---

Global Climate Change and the Developing World

---

Environment and Development in the Third World

---

Environment and Food Customs

---

Perspectives on Environment

---

Urban Transportation

---

Geographic Information Systems (GIS) Applications in Environmental Studies

---

Environmental Geoscience

---

Environment and Development in the Third World

---

Environmental Geochemistry

---

Coastal Processes and Environments

---

Reading Los Angeles: Community and Structure in the Metropolis

---

Addressing “Wicked” Problems: A Natural Sciences Case Study

---

Introduction to Environmental Humanities

---

Energy Systems and Sustainability

---

Applied and Environmental Microbiology

---

Sustainability Marketing

---

Natural Science Field Studies

---

Environmental Justice

---

General Principles of Environmental Health

---

Community, Environmental Safety and Public Health Law

---

Energy and the Environment

---

Environmental Policy and Management

---

Environmental Policy, Law, and Society

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Sustainable Energy and Transportation

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Integrated STEM Project-Based Learning in Urban Environments

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The Urban World

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Course Title

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Seminar: Ecology - Environmental Biology

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Environmental Mass Transfer

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Advanced Environmental Modeling

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Environmental Transport

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Seminar: Urban and Environmental Economics

Environmental Isotope Geochemistry

Sedimentary Processes, Environments, and Structures

Hydrogeology

Sustainability, CSR, and Business Ethics

Sustainability, CSR, and Business Ethics

Seminar: Sustainability Marketing

Environmental Health

Seminar: Regulation, the Environment and California Public Policy

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Course Title

Asian America: Culture, History, and Community

Body, Health, and Food Justice in API Communities

Asian Economies and New Consumerism

Cultural Competency for Professionals: Understanding Asia and Asian America

Anti-Colonial Movements

Introduction to Cultural Anthropology

Immigrant Experiences and Social Justice in the Americas

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Where in the Californian Community are You?

---

The Archaeology of Islands and Coastlines

---

Globalization and Cultural Change

---

Perspectives on Art and Cultural Diversity

---

Art and Life Perspectives

---

Visual Arts in Urban Contexts

---

Art and Design in the Community

---

Hand vs. Machine

---

Multicultural Approaches to Visual Arts

---

Conservation Biology

---

Diversity, Business, and the Workplace

---

Contemporary Issues in Global Business

---

Understanding Cultural Diversity within Human Services

---

Hydrology I

---

Water Supply

---

Ethnic Identity and Cultural Awareness in Children and Families

---

Child, Family, and Community

---

Urban Families: And Resilience

---

Asian Americans, Families, and Community

---

Health Disparities in Urban Communities

---

Family Stress and Resilience: Cultural Considerations

---

Remittances, the Immigrant Economy, and Globalization

---

Latinas/os and Social Justice: Contemporary Issues

---

Critical Analysis of Inequality and Educational Policy

---

Latinas/os and Social Justice Movements

---

Cultural/Linguistic Diversity in Communication Disorders

---

Introduction to Intercultural Communication

---

Rights and Justice

---

Globalization, Culture and Communication

---

Intercultural Communication in Civic Contexts

---

Intercultural Business Communication

---

Intercultural Communication

---

Communication and Cultural Studies

---

Multiculturalism and the Criminal Justice System

---

Community Policing and Problem Solving

---

Civic Engagement in Criminal Justice

---

Economics of Poverty and Inequality in the U.S.

---

Developing Countries and the New Global Economy

---

Economics of the Latino Community

---

Urban and Regional Economics

---

Economics of Developing Countries

---

Economics of International Trade

---

International Monetary Economics

---

Current Issues in Latin American Economies

---

Labor Relations and Collective Bargaining

---

Issues in the Economics of Globalization

---

Transformative Teaching in Diverse Urban Classrooms

---

Current Topics in Multicultural Children's Literature

---

Cultural Diversity in Early Childhood Classroom: Needs and Opportunities

---

School/Family/Community Partnerships in Urban Learning

---

Diversity, Intersectionality, Major Racial/Ethnic Groups in U.S. Schooling, and Equality of Educational Opportunity and Social Justice

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Educational Foundations: of Diversity and Equity in Urban Schools

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Educational Foundations: Schooling for in a Diverse Urban Society

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Educational Technology for Urban Educators

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Intersectional Diversity in Families and Students from Urban Schools

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Instructional Fieldwork Laboratory for Urban Schools

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Instructional Fieldwork Laboratory for Urban Schools II

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Instructional Fieldwork Laboratory for Urban Schools III

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Contextual Fieldwork Laboratory for Transforming Urban Schools II

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Contextual Fieldwork Laboratory for Transforming Urban Schools III

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Foundations of Special Education

---

Observations in Urban Classrooms

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Early Fieldwork in Inclusive Teaching: Mild/Moderate Disabilities

Instructional Strategies, Individualized Programming and Diversity in Orientation and Mobility Instructional Seminar

Foundations of Special Education for Secondary Teachers in Urban Schools

Understanding Learners with Special Needs in Urban Secondary Classrooms

Supporting Learners with Special Needs in Urban Secondary Classrooms

Multicultural Science Fiction

Literary Explorations of Racism and Justice

Ethnicity and Emotions in U.S. Film

Cultural Studies and Literature

Ethnic Literature in the U.S.

Legal and Regulatory Environment of Business I

Legal and Regulatory Environment of Business II

Multinational Financial Management

Cultural Geography

Physical Geography

Urban Spatial Process and Patterns

U.S. Ethnic Communities

Geographic Information Systems (GIS) Applications in Urban Planning

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Urban Geography

---

Oceanography

---

Natural Disasters

---

Global Climate Change and the Developing World

---

Urban Geology

---

Groundwater Management and Models

---

Watershed-Analysis

---

Race and Ethnicity in United States History

---

Big History: From the Big Bang Until the Present

---

Race, Ethnicity, and the History of US Civil Rights Movements

---

Rise of Urban America

---

A History of Violence: Conflict, War, and Resolution

---

History of Globalization: Themes and Continuities

---

Ethnicity and Immigration in American History

---

Reading Los Angeles: Engaging Cultural Expressions in a Global City

---

Humanities Approaches to Race, Ethnicity, and “Wicked” Problems

---

Addressing “Wicked” Problems through the Social Sciences: A Case Study in Diverse Communities

---

Introduction to News Writing and Reporting

---

Sociocultural and Psychological Analyses of Human Movement

---

Environmental Exercise Physiology

---

Introduction to Globalization, Race, and Place

---

Immigrant Experiences and Social Justice in the Americas

---

Cultural Impact of Development

---

Movements for Social Justice in the Americas

---

Latin American Cities: Between Development and Exclusion

---

Latin Americans Responses to Imperialism and Globalization

---

Multicultural Arts, L.A.

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Multicultural Science Fiction

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Globalization, Culture and Communication

---

Community Impact Media

---

Cultural Studies: Theories and Methods

---

Public Humanities and Community Learning

---

Modeling Biological Systems

---

Leading and Managing in Healthcare Environments

---

Community Based Social Marketing

---

Intercultural Business Communications

---

Language Diversity in Urban America

---

Cross-Cultural Issues in International Film

---

Career Planning and Working in the Community

---

Physical Science

---

Crosscutting Concepts in Natural Science

---

Natural Science Field Studies and Pedagogy

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Water and Life in the Los Angeles Basin

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Bioclimatology

---

Foundations of Food

---

Human Nutrition

---

Cultural Cuisine

---

Fundamentals of Human Nutrition

---

Adult Nutrition

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The Changing Food Supply: Impact on Health

Experimental Foods

Community Nutrition

Advanced Community Nutrition: Program Planning and Evaluation

Community/Public Health Nursing

Practicum: Community Health Nursing

Community/Public Health Nursing

Community/Public Health Nursing Lab

Introduction to Globalization, Race, and Place

Cultural Impact of Development

Literary Explorations of Racism and Justice

Ethnicity and Emotions in U.S. Film

Power and the African American Community I

Health and Wellness

Health Disparities in Urban Communities

Issues in Global Health

Current Issues in Urban Health

Critical Issues in Health Policy

Vulnerable Populations

Drugs and Health

International Health

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Health Promotion

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Contemporary Moral and Social Issues: An Intersectional Approach in a Multicultural Society

---

Race, Diversity and Justice

---

Philosophy, Race, and Ethnicity: An Intersectional Approach

---

Bioethics

---

Physics for the Twenty-First Century

---

Rights and Justice

---

Urban Government and Politics

---

US Minority Politics

---

Model United Nations

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Model United Nations

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Global Legal Studies

---

Dynamics of Urban Administration, Urban Admin

---

Racial/Ethnic Minority Mental Health

---

Community Psychology - Service Learning

---

Multicultural Psychology: Current Issues and Research

---

Directed Field Experience in Community Clinical Psychology

---

Seeking the Holy: Ancient Traditions, Modern Practices

---

Religion, Spirituality, and Ethnic Identity

---

Science and Religion

---

Religion and Spirituality in American Indian Communities

---

Cultural Emotions

---

Social Issues in the Urban Setting

---

Sociology of Race/Ethnicity, Class, and Gender

---

Sociology of Globalization and Resistance

---

Urban Sociology

---

Bioethics and Sociology

---

Social Class and Inequality

---

Race and Ethnic Relations

---

From Institutional Racism to Cultural Competency

---

Culturally Competent Social Work Practice

---

Human Behavior and Social Environment: Prenatal through Early Adolescence

---

Human Behavior and the Social Environment: Late Adolescence through Old Age

---

Cross Cultural Practice with Older Adults

---

Community Organizing

---

Diversity and Intersectionality in Social Work

---

Community Engagement, Service Learning, and Practice with Youth

---

Community-Based Theatre

---

Impact of Technology on the Individual and Society

---

Fire Protection and the Community

---

“Race,” Justice and the Mass Media

---

Community Impact Media

---

Multiculturalism, Media and Social Justice

---

Science Fiction Across Media

---

Literacy and the Urban Community

---

Senior Seminar in Urban Schooling

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Reproductive Justice

---

Knowledge, Power, and Research Justice in Women’s, Gender, and Sexuality Studies

---

Sexualities and Gender Diversity in Global Perspective

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Chicana/Latina Narratives and Community History



Course Title

Marketing Strategy for a Global Environment

Global Business Environment

Capstone: Global Business Strategy

Urban Transportation Planning

Statistical Hydrology

Hydrology II

Seminar: Cultural Studies

Seminar: Intercultural Communication

Multicultural Counseling

Multiculturalism in Criminal Justice

Theories and Perspectives in Criminal Justice

Seminar: Criminal Justice Problems

Fundamentals of Business Economics

Seminar: Current Issues in Economic Development

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Seminar: International Economics

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Pluralism, Collaboration, and Social Justice

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Seminar: Instructional and Organizational Change in Socio-Culturally Diverse Schools

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Advocacy, Community Engagement and Governance: The Social and Political Contexts of Education

---

Advanced Classroom Assessment in the Urban School

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Teaching for Cross-Cultural and Global Awareness

---

Research and Methods for Teaching in Bilingual/Cross-Cultural Classrooms

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Research and Pedagogy for the Bilingual Learner: Exploring Cultural Impact

---

Principles and Practices of Curriculum in Urban Schools

---

Characteristics of Social Change in Urban Schools

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Creating a Healthy and Effective Classroom Climate

---

Teachers, Leadership, and Power in Urban Schools

---

Teaching and Learning in Diverse Urban Settings: Equity, Access, and Achievement

---

Cultural Sensitive Pedagogy in Early Childhood Settings

---

Leadership in Curriculum and Assessment for Linguistically and Culturally Diverse Urban Students

---

Contemporary Social Theory and Issues in Urban Education

---

Research Methodologies for Urban Educational Leadership

---

Laboratories of Practice: Community Research Lab

---

Evaluation Methods for Urban Education Leadership

---

Using Qualitative Research to Explore Teaching and Learning for Diverse Urban Settings

---

Research on Characteristics and Needs of Urban Secondary Schools, Families, and Students

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Contextual Fieldwork Laboratory for Transforming Urban Schools

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Teaching in Multicultural Middle and Senior High School Classrooms

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Seminar: Issues and Strategies for Multicultural Special Education Students

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Seminar: Understanding and Using Research to Answer Questions about Diverse Urban Schools

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Research on Exceptional Students from Diverse Cultural and Linguistic Backgrounds

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Renewable Energies in Power Systems

---

Seminar: Urban Social Systems

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Water Quality Seminar

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Cultural Analyses of Sport in the United States

---

Community Based Social Marketing

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Group, Family, Community, and Agency Interventions in Psychiatric Nursing

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International Health Perspectives

---

Arts and Cultural Administration

---

Collaborative Governance

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Negotiation and Conflict Management for Administrators

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Seminar in Multicultural and Cross-cultural Psychology

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Sociology of Urban Life

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Seminar: Race, Ethnicity, Power, and Justice

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Human Behavior and the Social Environment I

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Human Behavior and the Social Environment II

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Human Behavior and the Social Environment III

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Foundational Principles of Therapy, Counseling, and Services

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Advanced Models of Therapy, Counseling, and Services

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Community Organizing

---

Advanced Policy Analysis and Practice

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Policy and Practice in Public Child Welfare

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Autonomous Vehicles and Smart Infrastructure

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Media Arts, Theatre and Society

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## Course Description

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.

Interaction of organisms with their environment at individual, population, and ecosystem scales. Micro- and macro-evolutionary processes leading to biological diversity.

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.

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.

Plants and plant communities in relation to physical and biotic environments, ecophysiology, demography, species interactions, community structure, and ecosystem function.

Population and community ecology of major habitats in marine environment; lecture emphasizes contemporary theories in marine ecology.

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.

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.

Current engineering practice in dealing with urban problems such as financial, transportation, pollution, communications, public utilities, land use planning and public health.

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.

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.

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.

Earthquake and ground motion characteristics, structural response to support motions, lateral force resisting systems, determination of seismic forces, design of buildings for lateral loads.

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).

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.

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.

An introductory course emphasizing the importance of chemistry to everyday life including the environment, energy, food and materials.

Use of epidemiology in environmental health. Morbidity and mortality in communities of color and lower economic status due to disproportionate distribution of environmental contaminants.

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.

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.

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.

Introduces the science and engineering aspects of the Earth's natural sources of energy (e.g. the Sun, Wind, and Fossil Fuels), and the current technologies used for generating energy. The impact of energy generation and energy use on the environment will be covered. The course emphasizes how CO<sub>2</sub> emissions from the use of fossil fuels for energy, have caused uncontrollable global warming, and how this warming, drives climate change. The renewable energy sources and renewable energy technology that are required to mitigate global warming, will be covered extensively.

Examination of literary and cultural representations of the environment and their relation to central issues in ecology and environmental ethics.

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.

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.

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.

The physical environments of the Third World and associated problems of development.

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.

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.

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.

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.

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.

The physical environments of the Third World and associated problems of development.

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.

Interpretation and identification of the origin of coastal features and environments through analysis of fluvial, wave, tidal, sea level, tectonic, and urbanization processes.

Strategies for understanding the social, political, economic, and cultural structures and processes that shape the modern metropolis.

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.

Interdisciplinary survey of texts that shaped modern understandings of environmental issues such as sustainability, climate change, and environmental justice.

Existing and future energy-conversion systems with an emphasis on sustainability. Thermodynamics and transport processes applied to energy-conversion systems. Political, economic, and ethical complications associated with energy technologies. Systems using fossil fuels, nuclear, and renewable sources are discussed.

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.

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.

Interdisciplinary application of the concepts of science for field and laboratory studies of the physical and biological environments.

Use of epidemiology in environmental health. Morbidity and mortality in communities of color and lower economic status due to disproportionate distribution of environmental contaminants.

General scope of disciplines within environmental health field; routes of entry into those disciplines.

Examination of federal, state and local laws governing public health, environmental health and occupational safety; overview of OSHA, CALOSHA, EPA, CALEPA regulations, enforcement procedures, appeal process; review of selected cases.

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.

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.

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.

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.

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.

Worldwide issues relating to the physical, technological, economic, political, historical, sociological and environmental characteristics of urban areas.

**Total: 51**

#### Course Description

Advanced study of selected topics in methods of data analysis.

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.

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.

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.

Analysis of urban and environmental policy at the graduate level; emphasis on the intersection between urban areas and environmental issues.

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.

Identification and analysis of sedimentary structures and hydrodynamically generated bedforms to determine sedimentary processes and environments of deposition.

Advanced study of groundwater topics including aquifer testing, regional groundwater flow, water chemistry mass transport, and groundwater models.

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.

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.

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.

Exploration of factors in the environment that affect human health and methods for promoting health via environmental methods.

The interrelationships among regulatory policies, environmental problems and public policy in California.

**Total: 13**

### Course Description

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.

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.

A survey of economic developments and trends in Asia since WWII through analysis of emerging market and consumer culture.

Introduces useful knowledge and effective skills to students who plan to work for Asian or Asian American organizations, clients, and companies.

The course considers organized resistance to European imperial and colonial empires among colonized populations. Special attention is given to Asian, African, and Latin American regions.

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.

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.

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."

Explores archaeological evidence for the extent and diversity of maritime adaptations around the world. Examines human adaptive variation, issues of insularity, and paleoecology in island and coastal settings.

Anthropological theory and practice in the changing social, economic, and cultural conditions of the twenty-first century.

Diversity, identity, and power in groups and/or individuals as expressed through form and symbols of visual arts in various cultures.

Comparative analyses of art forms that express views of time, environment, ancestry, birth and death among indigenous and mixed cultures (developing and industrial).

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 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.

Advanced course exploring the relationships between various modes of production, as related to textiles, body, and garment.

Analysis of art experience as human behavior responsive to sociological, ecological, political and historical conditions in American and other cultures.

Biological diversity of animals and plants; genetics and ecology of small populations; protection and management of threatened species and communities.

Examines how cultural diversity drives business success as well as the knowledge and skills needed to interact effectively within diverse business environments.

An integrated approach to business issues in a globalized environment under different political, legal, economic and socio-cultural conditions with a focus on trade, competition, regional integration, international finance and accounting, international labor, international management, and global governance.

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.

Precipitation, evaporation, infiltration, transpiration, and runoff; methods of predicting discharge from precipitation, flood routing, and measurement of hydrologic processes.

Sources and collection of surface and ground water, distribution systems, water quality, water treatment plants, sedimentation, filtration, softening, and disinfection.

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.

Examination of the impacts of environmental settings, significant relationships, and societal issues on the development of children.

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.

An overview of Asian and Asian American individual development in the context of family and community.

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.

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.

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.

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.

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.

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.

Theoretical considerations and application of current research in cultural/linguistic diversity and communication disorders.

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.

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.

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.

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.

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.

Description and analysis of cultural influences on human communication acts; codes and paralinguistic elements; focus on communication between cultures in an urban setting.

Survey of history, primary texts, and representative studies in cultural studies. Emphasis on cultural studies of media, technology, and communication.

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.

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.

This course provides students with the opportunity to apply the knowledge gained in the classroom in a criminal justice-related field placement.

Concept and measurement of poverty; analysis of both economic causes and effects of poverty; policy implications and remedies.

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.

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.

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.

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.

Economic analysis of how and why commodities are traded among nations; tariffs and quotas; common market and other international institutions.

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.

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.

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.

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.

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.

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.

Multicultural education and anti-bias curriculum development for early childhood education; focus on cross-cultural perspectives and their effects on behavior, learning, and teaching.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Science fiction literature produced by Asian American, African American, Euro- American, Latina/o, and Native American authors.

Analysis of the literary depiction of racism and justice, with emphasis on the treatment of civil rights issues in fiction, drama, and poetry.

Critical analysis of the representations of ethnicity and emotions in U.S. film.

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.

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.

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.

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.

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.

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.

Introduction to the principles and processes affecting the natural environment and dynamical interactions of the physical world and its inhabitants. Emphasizes the spatial relationships among atmosphere, hydrosphere, soils, and vegetation.

An in-depth, critical examination of the spatial processes of urbanization and the characteristics and morphology of cities.

Spatial structure and organization of selected ethnic communities in the U.S. and their interrelationships with American composite cultural environment.

Focuses on the application of Geographic Information Systems in urban planning and decision making.

In-depth spatial analysis of urban systems and internal structure of cities, and analytical investigation of functions and forms of representative urban areas.

Introduction to the origin of ocean basins, seafloor features, ocean sediments, ocean circulation, seawater properties, wave properties, coastal processes, and environmental issues tied to pollution, population growth and climate change.

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.

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.

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.

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.

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.

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.

Covers eight thresholds of universal history, from the creation of the universe through the origin of life through the Anthropocene Epoch: human history in its broadest ecological and biological context.

Examines the history of various modern U.S. social movements for racial and ethnic equality and justice.

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.

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.

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.

Role of national, racial, and religious minority groups, and of immigration, in American history.

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.

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.

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.

Introduction to news writing and reporting. News sources, collection of news, acceptable forms for news stories, news reporting styles and journalism ethics.

Discussion of theories of motivation, arousal, aggression, and audience effects, as well as, the sociocultural role of sport and exercise in North American society.

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.

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.

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.

Impact of colonialism, neocolonialism and globalization on art, literature, music and identity in developing nations, especially in Africa and Latin America.

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.

An introduction to Latin American cities and urban studies, with a special focus on questions of urban growth, poverty, exclusion, and citizenship.

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.

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.

Science fiction literary traditions such as Afrofuturism, Latina/o futurism, Indigenous futurism, Asian and Asian American SF, and Euro-American SF.

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.

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.

Overview of historical, theoretical, and methodological underpinnings. Exploration of cultural identity, struggle, and representation.

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.

Modeling techniques applied to biological systems. Topics include nonlinear dynamics, stochastic models, compartmental and spatial models, parameter estimation, methods of model evaluation, modeling complexities.

Management functions and leadership processes in healthcare organizations, including in-depth review of managerial skills and organizational practices for successful performance.

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.

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.

Study of the nature and socio-cultural impact of language diversity in urban America.

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.

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.

Basic concepts in physics and chemistry such as motion, energy, electricity, and the properties and transformations of matter. Open to all non-science majors.

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.

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.

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.

This course introduces scientific evidence and theory for global climate change and its impacts on terrestrial biological systems.

Introduction to foods as a profession. Principles and procedures of food preparation including selection, storage, food sanitation, product evaluation, and meal management.

Nutrition and its relation to health, behavior, growth, development, and aging.

Cultural food patterns represented regionally, nationally and internationally; food choices, typical dishes, menus, nutritional aspects, purchasing, preparation techniques, equipment, and significance in cultural settings.

Scientific role of nutrients in the body and in development, growth and maturation.

Nutritional needs and common diseases afflicting adults; promotion of adult health by nutritional intervention.

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.

Application of scientific principles to experimental methods in food preparation and recipe analysis.

Community nutrition problems, agencies, and programs. Service learning course.

The focus of this course is program planning, intervention and evaluation of community nutrition programs, especially amongst underserved neighborhoods.

Synthesis of nursing theories and public health science applied to assessing and promoting the health of at risk populations: communities, families and aggregates.

Nursing in the community: experiences in home health, family focused care, and population based nursing in the community.

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.

Application of the nursing process, levels of prevention and public health theories and strategies in vulnerable clients, families, and aggregates.

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.

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.

Analysis of the literary depiction of racism and justice, with emphasis on the treatment of civil rights issues in fiction, drama, and poetry.

Critical Analysis of the Representation of Ethnicity and Emotions in U.S. Film.

Study of power relations in African American communities, including the interactions between community and dominant institutions.

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.

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.

Explores the emerging health challenges to people in the developing world. The effects of ecological, social, economic, and political changes on health are examined.

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.

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.

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.

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.

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.

Foundations of health promotion and health promotion program content including behavior modification; development and implementation for use in corporate medical care and community settings.

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.

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.

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.

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.

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.

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.

Problems of political influence, public policy, intergovernmental relations, and formal structure in American urban areas.

Overview of ethnic politics in U.S. from both historical and contemporary perspectives; American Indian, Asian, black, and Hispanic political movements in U.S.

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.

This course is intended to examine the political, social and economic background of the assigned country for the National Model UN Conference.

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.

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.

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.

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.

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.

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.

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.

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.

Comparison of goals, methods, settings, and practitioners of religion and science, past and present, through an examination of historical and present-day case studies.

Religious and spiritual traditions in American Indian, First Nations, and Alaska Native communities, from both historical and contemporary perspectives, with emphasis on indigenous perspectives.

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.

Social issues in urban setting; technological and economic changes; ethnic, cultural and class diversity; cross-cultural comparisons; population and environmental concerns; and social planning.

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.

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.

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.

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.

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.

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.

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.

Instruction in the delivery of culturally competent social work services with diverse groups in society.

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.

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.

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.

This course applies stages of the generalist social work method to community organizing, community analysis, dynamics of social power and formal organizations.

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.

This course prepares students to work with youth using the empowerment model and contextualizes social work courses on human behavior and child welfare policy.

The study and practice of community-based theatre for engaging diverse communities.

An exploration of the ways technology impacts individual human development within global social systems. Including an emphasis on lifelong acquisition of technology skills with an optional service-learning component.

Relationship of fire service and fire protection needs to critical urban issues, affirmative action, public education, communication with minority groups, interdepartmental and intradepartmental relations.

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.

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.

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.

Examination of the origins and development of the science fiction genre across media such as print, film, radio, comics, television, and video games.

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.

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.

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.

An overview of methods, the politics of knowledge and methodology, and development of research projects in Women's, Gender, and Sexuality studies.

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.

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.

**Total: 207**

#### Course Description

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.

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.

Integrative view of positioning the firm for success in the global business environment. Introduces concepts, frameworks and techniques to make strategic decisions. Topics include environmental analysis, resources, capabilities, business strategy, vertical integration, diversification, implementation, and social responsibility.

Travel forecasting, data requirements, collection methods, trip generation and distribution models; modal split analysis, trip assignment, plan alternatives, and evaluation methodology.

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.

Space-time characteristics and mechanics of rainfall, surface run-off and infiltration. Theory of drainage basin dynamics. Low stream flow.

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.

Contemporary theories, research perspectives and significant cultural influences relating to communication between cultures.

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.

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.

Functions of theory building and testing as fundamental parts of scientific method in criminal justice; examination and evaluation of criminological theories.

Advanced investigation and reports on selected critical problems in criminal justice; emphasis on scientific method and acquaintance with reliable methods of research.

Business Economics: markets, demand, consumer behavior, nature of firms, measuring economic activity, inflation unemployment, money and banking, and the role of the government.

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.

Analysis of current international issues concerning cross-border trade and capital flows; methods of trade policy analysis; implications of regional and global economic integration.

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.

A hands-on approach to relevant organizational theories for creating change to meet the needs of socio-culturally diverse schools and communities.

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.

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.

Instructional strategies, materials, resources for examining cross-cultural and global education issues in the classroom.

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.

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.

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.

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.

Creating advanced examination of the area of classroom management; strategies for creating a healthy classroom environment.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Introduction to special education for multicultural/bilingual exceptional students, issues in nondiscriminatory assessment, instructional strategies for multicultural/bilingual special education students.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

This elective course addresses the changing nature of governance skills, which increasingly require intergovernmental and inter-sectoral cooperation to address complex public problems.

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.

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.

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.

Examination of theories and research on race, ethnicity, systemic and institutional racism and inequality, and multiracial and antiracist movements for social justice.

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.

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.

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.

Theory and practice focusing on the problem-solving approach, psychodynamic techniques, and crisis intervention.

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.

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.

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.

This course examines contemporary practice in California's public child welfare systems in the context of current policy and administrative issues.

Autonomous Vehicles: technology, sensors, applications and legal, social and economic implications.  
Smart Infrastructure: traffic control, vehicle-to-vehicle, vehicle-to-infrastructure communication and data security.

Historical and current relationship between media arts, theatre and society. Study scholars and practitioners who address questions regarding contemporary roles, potentials and impacts of these arts and professions.

**Total: 63**