

## TOPICAL BREADTH ASSIGNED SUBJECT AREAS FOR MAJORS AND MINORS; PRE-FALL 2011

The following section only pertains to students who matriculated to UC Davis prior to Fall 2011.

### Arts & Humanities

#### Majors

African American and African Studies  
 American Studies  
 Art History  
 Art Studio  
 Asian American Studies  
 Chicana/Chicano Studies Chinese  
 Cinema and Digital Media  
 Classical Civilization  
 Comparative Literature  
 Design  
 English  
 French  
 Gender, Sexuality and Women's Studies  
 German  
 History  
 Italian  
 Japanese  
 Landscape Architecture  
 Medieval and Early Modern Studies  
 Music  
 Native American Studies  
 Philosophy  
 Religious Studies  
 Russian  
 Spanish  
 Theatre and Dance

#### Minors

African American and African Studies  
 American Studies  
 Art History  
 Art Studio  
 Asian American Studies  
 Chicana/Chicano Studies  
 Chinese  
 Classical Civilization  
 Comparative Literature  
 Dramatic Art  
 English  
 Film Studies  
 French  
 Gender, Sexuality and Women's Studies  
 German  
 Global and International Studies (Arts and Humanities Emphasis)  
 Greek  
 History  
 Italian  
 Japanese  
 Jewish Studies  
 Landscape Restoration  
 Latin  
 Luso-Brazilian Studies  
 Medieval and Early Modern Studies  
 Music  
 Native American Studies

Philosophy  
 Professional Writing  
 Religious Studies  
 Russian  
 Sexuality Studies  
 Social and Ethnic Relations  
 Spanish

### Science & Engineering

#### Majors

Agricultural & Environmental Education  
 Animal Biology  
 Animal Science  
 Animal Science & Management  
 Anthropology (B.S. degree only)  
 Applied Mathematics  
 Applied Physics  
 Atmospheric Science  
 Biochemistry and Molecular Biology  
 Biological Sciences  
 Biotechnology  
 Cell Biology  
 Chemistry  
 Clinical Nutrition  
 Cognitive Science (B.S. degree only)  
 Computer Science  
 Ecological Management and Restoration  
 Engineering (all majors)  
 Entomology  
 Environmental Horticulture & Urban Forestry  
 Environmental Science & Management  
 Environmental Toxicology  
 Evolution, Ecology & Biodiversity  
 Exercise Biology  
 Fiber and Polymer Science  
 Food Science  
 Genetics  
 Geology  
 Hydrology  
 Marine and Coastal Science  
 Mathematical and Scientific Computation  
 Mathematical Analytics and Operations Research  
 Mathematics  
 Microbiology  
 Natural Sciences  
 Neurobiology, Physiology, and Behavior  
 Nutrition Science  
 Physics  
 Plant Biology  
 Plant Sciences  
 Psychology (B.S. degree)  
 Statistics  
 Sustainable Agriculture & Food Systems

Technology Management  
 Viticulture & Enology  
 Wildlife, Fish, & Conservation Biology

#### Minors

Agri Computing & Info Systems  
 Agricultural Pest Management  
 Agricultural Systems & Environment  
 Animal Science—Animal Biology  
 Animal Science—Animal Genetics  
 Animal Science—Aquaculture  
 Animal Science—Dairy/Livestock  
 Animal Science—Equine  
 Anthropology (Evolutionary emphasis)  
 Apiculture  
 Applied Computing & Info Systems  
 Atmospheric Science  
 Avian Sciences  
 Biological Sciences  
 Chemistry  
 Community Nutrition  
 Computer Science  
 Construction Engineering and Management  
 Engineering (all majors)  
 Environmental Geology  
 Environmental Horticulture  
 Environmental Toxicology  
 Exercise Biology  
 Fiber and Polymer Science  
 Forensic Entomology  
 Fungal Biology & Ecology  
 Geographic Information Systems  
 Geographic Studies  
 Geology  
 Geophysics  
 Hydrologic Science  
 Hydrology  
 Insect Biology  
 Insect Ecology & Evolution  
 International Science Studies  
 Landscape Restoration  
 Mathematics  
 Medical-Veterinary Entomology  
 Nematology  
 Nutrition Science  
 Nutrition and Food  
 Oceanography  
 Physics  
 Plant Biology  
 Precision Agriculture  
 Quantitative Biology and Bioinformatics  
 Science and Society  
 Soil Science  
 Statistics  
 Watershed Science  
 Wildlife, Fish, and Conservation Biology

### Social Sciences

#### Majors

Anthropology (A.B. degree)  
 Cognitive Science (A.B. degree only)  
 Communication  
 Community and Regional Development  
 East Asian Studies  
 Economics  
 Environmental Policy Analysis & Planning  
 Human Development  
 International Agricultural Development  
 International Relations  
 Linguistics  
 Managerial Economics  
 Middle East/South Asia Studies  
 Political Science  
 Political Science—Public Service  
 Psychology (A.B. degree)  
 Science & Tech Studies  
 Sociology  
 Sociology—Organizational Studies  
 Textiles & Clothing

#### Minors

Aging and Adult Development  
 Anthropology (General emphasis)  
 Anthropology (Sociocultural emphasis)  
 Arab Studies  
 Coaching Principals and Methods  
 Community Development  
 Contemporary Leadership  
 East Asian Studies  
 Economics  
 Education  
 Energy Policy  
 Environmental Policy Analysis  
 Global and International Studies (Social Science emphasis)  
 History & Philosophy of Science  
 Human Development  
 India and South Asia Studies  
 International Agricultural Development Latin American and Hemispheric Studies  
 Iran and Persian Studies  
 Linguistics  
 Linguistics for Language Teachers  
 Managerial Economics  
 Middle East/South Asia Studies  
 Political Science  
 Psychology  
 Science and Society  
 Sociology  
 Technology Management  
 Textiles & Clothing  
 War-Peace Studies

\* This course may not be used to satisfy a college or university composition requirement and GE writing experience simultaneously.

† Also assigned to another area of topical breadth.

# Credit for writing experience allowed if co-course taken concurrently (see writing experience list).

## GENERAL EDUCATION THEME OPTIONS

The following section only pertains to students who matriculated to UC Davis prior to Fall 2011.

General Education theme options are sets of GE courses sharing a common intellectual theme. These GE theme options are not a separate element of the GE requirement, but a way of selecting your GE courses so that you may benefit from a coherent focus of study while completing the GE requirement. Completion of a theme satisfies the GE requirement for students with majors assigned to the GE topical breadth area of Arts and Humanities. Students with majors assigned to the topical breadth area of either Science and Engineering or Social Science will need to complete additional GE courses in Arts and Humanities to satisfy the campus GE requirement.

### Global Population and Environmental Issues

For centuries, there have been concerns and predictions about population growth and its potential effects on the environment and the quality of life. Perspectives on population and environmental issues often vary based on such factors as gender, social class, culture, nation, race/ethnicity, and religion. In this group of courses, students will learn about the complex interplay among environmental, economic, and ethical issues through the study of global population patterns. They will learn how science addresses the use of natural resources by humans, along with the fundamentals of environmental impacts such as global warming. This option group of courses explores diverse perspectives on global population and environmental issues by examining biological, physical, and social processes that influence the everyday lives of people around the world.

Topics might include the social, economic, and environmental challenges of population growth; and the ethics and dilemmas of natural resource use.

Global Population	
Atmospheric Science 5 [or 10]	SciEng, Wrt
Human Development 117	SciEng, Wrt
Agricultural and Resource Economics 15	SocSci, Div, Wrt
Science and Society 1	SciEng or SocSci, Div, Wrt
[or Fiber and Polymer Science 110]	SciEng or SocSci, Wrt]
International Agricultural Development 10, [or Community & Regional Development 1	SocSci, Div, Wrt
	SocSci, Div, Wrt]

### Biodiversity and Cultural Diversity

The nations with the greatest biodiversity often have tremendous ethnic and cultural diversity. This option examines diversity in many interrelated contexts: biological diversity and the impact of contemporary humans; values and cultural practices in regard to production and consumption; the clothes people wear; creation and use of social spaces; and the preservation of genetic resources for food, fiber, and pharmaceuticals.

Topics might include conservation biology; integration of human and natural systems; cultural expression through clothing and appearance; and discussion of what are cultural and social rights.

Biodiversity and Cultural Diversity	
Wildlife, Fish and Conservation Biology 10	SciEng, Div, Wrt
Plant Biology 11	SciEng, Wrt
Textiles and Clothing 7	SocSci, Div, Wrt
Community and Regional Development 2	SocSci, Div, Wrt
Landscape Architecture 2	SocSci, Wrt

### Food and Fiber

This option focuses on food and fiber systems, from their plant, animal, or synthetic sources to their ultimate use by humans for health, safety, communication, and pleasure. Understanding these systems enables students to see the connections between the food and clothes that are part of our everyday lives and the scientific, social, and cultural issues that make them so significant to society as a whole.

Topics might include food and clothing safety, quality, and availability; media and consumer perceptions; and cultural histories, values, and meanings.

Food and Fiber	
Animal Science 1	SciEng, Wrt
[or Plant Biology 12]	SciEng, Div, Wrt]
Nutrition 10 and Nutrition 11	SciEng, Wrt
[or Food Science and Technology 10]	SciEng or SocSci]
Textiles and Clothing 6	SciEng
Textiles and Clothing 7 or 107	SocSci, Div, Wrt
Science and Society 1	SciEng or SocSci, Div, Wrt
Viticulture and Enology 3	SciEng or SocSci

### Changing Agriculture

Changing demographics, environmental issues, and social-political trends in California all play a role in public perceptions and policies related to our food and fiber systems, natural resources, and community values. These perceptions, policies, and values need to be critically examined in the context of larger global economic trends and environmental health and safety. In this group of courses, students can explore a range of challenging issues related to the complex interplay between rural and urban needs and values.

Topics might include holistic approaches to agriculture; international migration and agricultural development; and how plants and animals influence the course of history.

Changing Agriculture Theme Option	
Animal Science 1	SciEng, Wrt
Entomology 110	SciEng, Wrt
Plant Biology 12	SciEng, Div, Wrt
Agricultural and Resource Economics 15	SocSci, Div, Wrt
Environmental & Resource Sciences 121*	SciEng, Wrt
Science and Society 2	SciEng or SocSci, Wrt

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† Also assigned to another area of topical breadth.

# Credit for writing experience allowed if co-course taken concurrently (see writing experience list).