

**Sustainability Focused Course List (2011-2013)**

<b>Dept Acronym</b>	<b>Course ID#</b>	<b>Course Title</b>
BIOL	101 +L	Elements of Biology
BIOL	102	Biology for Future Teachers
BIOL	171	Evolution and Biodiversity
BIOL	274	Principles of Physiology and Ecology
BIOL	294	Environmental Biology
BIOL	300	Environmental Biology and Sustainability
BIOL	301	Problems in Environmental Biology
BIOL	314	Population and Community Ecology (faculty id)
BIOL	317	Field Marine Biology (faculty id)
BIOL	318	Wildlife Conservation
BIOL	319	Marine Biology (faculty id)
BIOL	330	Sustainability Ecology: American Indians models
BIOL	344	Survey of the Land Plants
BIOL	352	Plants and Life
BIOL	401	Biogeography (faculty id)
BIOL	419	Marine Ecology
BIOL	422	Coastal Ecology
BIOL	443	Plant Ecology
BIOL	444	Plant Physiological Ecology
BIOL	447	Ethnobotany
BIOL	448	Plant Molecular Biology
BIOL	449	Desert Ecology
BIOL	450	Conservation Biology
BIOL	466	Behavioral Ecology
BIOL	481	Advances in Evolution and Ecology
BIOL	522	Coastal Ecology
CHEM	100	Survey of Chemistry
CHEM	102	Physical Science for Future Elem Teachers
CHEM	303C	Biotechnology: Ag and Environmental Biotechnology
CHEM	313A	Environmental Pollution and Its Solutions: Air Pollution
CHEM	313B	Environmental Pollution and Its Solutions: Water Pollution
CHEM	313C	Environmental Pollution and Its Solutions: Land Pollution
CHEM	435	Chemistry of Hazardous Materials
CHEM	436	Atmospheric Chemistry
CHEM	437	Environmental Water Chemistry
CHEM	438	Environmental Biochemistry
CHEM	480T	Green Chemistry
EGCE	441	Environmental Engineering
EGCE	466	Public Transit Systems Planning and Operations
EGCE	546	Coastal Pollution Engineering
EGCE	559	Environmental and Public Transportation Regulations
EGCE	575	Data Mining in Sustainability
EGCE	583	Air Pollution
ECON	362	Environmental Economics
ECON	415	Economics of Health
ECON	416	Benefit Cost and Microeconomic Policy Analysis
ECON	461	Ecological Economics
ECON	462	Natural Resource Economics
EGCE	441	Environmental Engineering
EGCE	466	Public Transit Systems Planning and Operations
EGCE	481	Solid Waste Technology and Management
EGCE	482	Liquid Waste Technology and Management
EGCE	515	Geo-Environmental Engineering

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<b>Dept Acronym</b>	<b>Course ID#</b>	<b>Course Title</b>
EGCE	537	Groundwater and Seepage
EGCE	546	Coastal Pollution Engineering
EGCE	559	Environmental and Public Transportation Regulations
EGCE	575	Data Mining in Sustainability
EGCE	583	Air Pollution Control Engineering
ENST	500	Environmental Issues and Approaches
ENST	510	Environmental Evaluation and Protection
ENST	520	Environmental Researches and Analysis
ENST	595T	Selected Topics in Environmental Problems
GEOG	110	Introduction to the Natural Environment
GEOG	120	Global Environmental Problems
GEOG	323	Weather and Climate
GEOG	325	Natural Vegetation
GEOG	328	Global Change and Environmental Systems
GEOG	329	Cities and Nature
GEOG	330	California
GEOG	350	Nature and Society
GEOG	352	The National Parks
GEOG	370	Cities and Suburbs
GEOG	422	Global Climate Change
GEOG	424	Desert Landscapes
GEOG	425	Tropical Rainforests
GEOG	426	The Coastal Environment
GEOG	450	Human Response to Environmental Hazards
GEOG	452	Ecotourism
GEOG	478	Urban Planning Principles
GEOG	481	Geographic Information Systems: Introduction
GEOG	482	Environmental Impact Assessment
GEOG	483	Mountain Field Geography
GEOG	485	Urban Planning Methods
GEOG	486	Geographic Information Systems: Principles and Applications
GEOG	488	Global Environmental Problems
GEOL	140	Earth's Atmosphere and Oceans
GEOL	310T	Topics in California-Related Geology: Earth's Environmental Crisis
HESC	101	Personal Health
HESC	301	Promotion of Optimal Health
HESC	401	Epidemiology
HESC	415	Environmental Health
HESC	416	Global Issues in Environmental Health
HESC	462	Environmental Toxicology and Health
HESC	463	Air Pollution and Health
HESC	465	Introduction to International Health
HESC	481	Globalization and Health
HESC	515	Advanced Environmental Health
HESC	524	Public Health Administration
HESC	540	Advanced Study in Health Promotion and Disease Prevention
PHIL	313	Environmental Ethics
PHYS	301	Energy and Sustainability
SOCI	356	Social Inequality

**Total Sustainability-Focused Course Count:**

**102**

<b>Department Name</b>	<b>Total # Courses Offered (2011-13)</b>
Accounting	41
Afro-Ethnic Studies	26
Anthropology	89
Art	166
Asian-American Studies	21
Biological Science	112
Business Administration	7
Chemistry/ Biochemistry	81
Chicana and Chicano Studies	25
Child and Adolescent Studies	49
Civil and Environmental Engineering	61
Communications	92
Comparative Religion	35
Computer Engineering	12
Computer Science	65
Counseling	24
Criminal Justice	28
Economics	49
Educational Leadership	50
Electrical Engineering	67
Elementary and Bilingual Education	53
Comparative Literature	7
English	83
Environmental Studies	8
European Studies	1
Finance	42
Geography	53
Geological Science	50
Gerontology	13
Health Science	52
History	129
Human Communication Studies	98
Human Services	37
Information Systems and Decision Sciences	70
Instructional Design and Technology	10
International Business	0
Kinesiology	149
Liberal Studies	3
Linguistics	20
Management	55
Marketing	24
Mathematics	83
Mechanical Engineering	63
Military Science	10
Arabic*	7
Chinese*	15
Foreign Language Education*	1
French*	37
German*	29
Italian*	5
Japanese*	23
Korean*	5
Modern Language*	4
Persian*	10
Portuguese*	7
Spanish*	42
Teaching English to Speakers of Other Languages (TESOL)*	15
Vietnamese*	9

<b>Department Name</b>	<b>Total # Courses Offered (2011-13)</b>
Music	157
Music Education	11
Nursing	109
Philosophy	55
Physics	46
Political Science	84
Psychology	41
Public Administration	0
Radio, TV, Film	54
Reading	22
Science Education	15
Secondary Education	41
Social Work	27
Sociology	56
Software Engineering	0
Special Education	46
Dance	30
Theatre	91
Theatre Education	1
Women's Studies	15

**Total Courses (2011-13): 3323**  
**(Total Departments): 78**

\*Modern Languages and Literatures (total: 209)