

UNIVERSITY of CALIFORNIA • IRVINE

Sustainability-Focused Courses			
	Department	Course Number	Course Name
1	Anthropology	Anthro 20A	People, Culture and Environmental Sustainability
2	Anthropology	Anthro 125B	Ecological Anthropology
3	Biological Sciences	Bio Sci 65	Biodiversity and Conservation
4	Biological Sciences	Bio Sci E150	Evolution and Environment
5	Biological Sciences	Bio Sci E189	Environmental Ethics
6	Biological Sciences	Bio Sci 191A-B	Senior Seminar on Global Sustainability
7	Biological Sciences	Bio Sci 191CW	Writing/Senior Seminar on Global Sustainability
8	Chemical Engineering and Materials Science	ENGR MSE 267	Environmentally Sustainable Manufacturing
9	Civil and Environmental Engineering	ENGR CEE 60	Contemporary and Emerging Environmental Challenges
10	Civil and Environmental Engineering	ENGR CEE 125	Transportation and the Environment
11	Civil and Environmental Engineering	ENGR CEE 160	Environmental Processes
12	Civil and Environmental Engineering	ENGR CEE 161	Water Quality and Treatment
13	Civil and Environmental Engineering	ENGR CEE 162	Introduction to Environmental Chemistry
14	Civil and Environmental Engineering	ENGR CEE 167	Ecology of Coastal Waters
15	Civil and Environmental Engineering	ENGR CEE168	Pollution Prevention and Waste Minimization
16	Civil and Environmental Engineering	ENGR CEE 171	Water Resources Engineering
17	Civil and Environmental Engineering	ENGR CEE 172	Groundwater Hydrology
18	Civil and Environmental Engineering	ENGR CEE 173	Computer Tools for Watershed Model
19	Civil and Environmental Engineering	ENGR CEE 176	Hydrology
20	Civil and Environmental Engineering	ENGR CEE 181 A-B-C	Senior Design Practicum
21	Civil and Environmental Engineering	ENGR CEE 264	Carbon Footprint Analysis for Water and Wastewater Systems
22	Civil and Environmental Engineering	ENGR CEE 267	Coastal Ecology
23	Criminology, Law, and Society	Crm/Law C252	Issues in Environmental Law and Policy
24	Earth System Science	EarthSS 13	Global Change Biology
25	Earth System Science	EarthSS 15	Introduction to Global Climate Change
26	Earth System Science	EarthSS 60A	Earth and Environmental Science
27	Earth System Science	EarthSS 60B	Local and Regional Environmental Issues
28	Earth System Science	EarthSS 112	Global Climate Change
29	Earth System Science	EarthSS 180	Environmental Sustainability I
30	Earth System Science	EarthSS 182	Environmental Sustainability II
31	Earth System Science	EarthSS 190A-B	Senior Seminar on Global Sustainability I, II
32	Earth System Science	EarthSS 190CW	Writing/Senior Seminar on Global Sustainability III
33	Earth System Science	EarthSS 202	Climate Change
34	Earth System Science	EarthSS 224	Land Surface Processes
35	Economics	Econ 145E	Economics of the Environment
36	Economics	Econ 145FW	Economics of the Environment II
37	Information and Computer Science	I&C SCI 5	Environmental Issues in Information Technology
38	International Studies	Intl St 120	Global Environmental Issues
39	International Studies	Intl St 122	Nuclear Environment
40	Mechanical and Aerospace Engineering	ENGR MAE 110	Combustion and Fuel cell Systems
41	Mechanical and Aerospace Engineering	ENGR MAE 117	Solar and renewable Energy System
42	Mechanical and Aerospace Engineering	ENGR MAE 118	Sustainable Energy Systems
43	Mechanical and Aerospace Engineering	ENGR MAE 164	Air Pollution and Control
44	Mechanical and Aerospace Engineering	ENGR MAE 218	Sustainable Energy Systems
45	Mechanical and Aerospace Engineering	ENGR MAE 260	Issues Related to Tropospheric and Stratospheric Processes: Global Climate Change
46	Planning, Policy & Design	PP&D 131	Environmental Sustainability I
47	Planning, Policy & Design	PP&D 132	Environmental Sustainability II
48	Planning, Policy & Design	PP&D 139	Water Resource Policy
49	Planning, Policy & Design	PP&D 224	Environmental Politics and Policy
50	Planning, Policy & Design	PP&D 231	Transportation and Environmental Health
51	Planning, Policy & Design	PP&D 252	Issues in Environmental Law and Policy
52	Planning, Policy & Design	PP&D 270	Environmental Ethics
53	Political Science	Pol Sci 44A	Global Issues & Institutions
54	Political Science	Pol Sci 143D	Global Environmental Issues
55	Public Health	PubHlth 90	Natural Disasters
56	Public Health	PubHlth 124	Environmental and Public Health Policy
57	Public Health	PubHlth 163	Environmental Health Science
58	Public Health	PubHlth 168	Nuclear Environments
59	Public Health	PubHlth 173	Health and Global Environmental Change
60	Social Ecology	SocEcol 250	Environmental Policy and Global Sustainability
61	University Studies	US 13C	Environmental Studies III
62	University Studies	17A-B-C	Water I-II-III

# UNIVERSITY of CALIFORNIA • IRVINE

## Sustainability-Related Courses

	Department	Course Number	Course Name
1	Biological Sciences	Bio Sci E118	Ecosystems Ecology
2	Biological Sciences	Bio Sci E127	Physiological Plant Ecology
3	Biological Sciences	Bio Sci E140	Evolution and Environment
4	Biological Sciences	Bio Sci E175	Restoration Ecology
5	Biological Sciences	Bio Sci E181	Conservation in the American West
6	Biological Sciences	Bio Sci E182	Mediterranean-Type Ecosystems: Biodiversity and Conservation
7	Biological Sciences	Bio Sci E186	Population and Community Ecology
8	Chemical Engineering and Materials Science	CBEMS 116	Field Practicum in Environmental Engineering
9	Chemistry	Chem 245	Atmospheric Chemistry of the Natural and Polluted Troposphere
10	Civil and Environmental Engineering	ENGRCEE 163	Biological Treatment Process Design
11	Civil and Environmental Engineering	ENGRCEE 261	Applied and Environmental Microbiology
12	Civil and Environmental Engineering	ENGRCEE 263	Advanced Biological Treatment Processes
13	Civil and Environmental Engineering	ENGRCEE 265	Advanced Physical-Chemical Treatment Processes
14	Civil and Environmental Engineering	ENGRCEE 266	Biotechnology of Wastewater
15	Civil and Environmental Engineering	ENGRCEE 268	Pollution Prevention Through Manufacturing, Materials Selection, and Product Design
16	Civil and Environmental Engineering	ENGRCEE 272	Groundwater Hydrology
17	Civil and Environmental Engineering	ENGRCEE 273	Watershed Modeling
18	Civil and Environmental Engineering	ENGRCEE 276	Hydrology
19	Civil and Environmental Engineering	ENGRCEE 289	Analysis of Hydrologic Systems
20	Criminology, Law, and Society	Crn/Law C207	Development Control Law and Policy
21	Earth System Science	EarthSS1	The Physical Environment
22	Earth System Science	EarthSS 3	Oceanography
23	Earth System Science	EarthSS 5	The Atmosphere
24	Earth System Science	EarthSS 7	Geology
25	Earth System Science	EarthSS 17	Catastrophes
26	Earth System Science	EarthSS 51	Land Interactions
27	Earth System Science	EarthSS 53	Ocean Biogeochemistry
28	Earth System Science	EarthSS 55	Earth's Atmosphere
29	Earth System Science	EarthSS 60C	Global Environmental Issues
30	Earth System Science	EarthSS H90	The Idiom and Practice of Science
31	Earth System Science	EarthSS 164	Ecosystem Ecology
32	Earth System Science	EarthSS 212	Geoscience Modeling and Data Analysis
33	Earth System Science	EarthSS 232	Terrestrial Hydrology
34	Earth System Science	EarthSS 240	Atmospheric Chemistry and Physics
35	Earth System Science	EarthSS 264	Ecosystems Ecology
36	Earth System Science	EarthSS 266	Global Biological Change
37	Earth System Science	EarthSS 268	Physiological Plant Ecology
38	Earth System Science	EarthSS 282A	Special Topics in Climate
39	Earth System Science	EarthSS 284A-B-C	Special Topics in Atmospheric Chemistry
40	Earth System Science	EarthSS 286A-B	Special Topics in Biogeochemistry
41	Earth System Science	EarthSS 288A-B-C	Special Topics in Ecosystems
42	Earth System Science	EarthSS 290	Seminar
43	Earth System Science	EarthSS 298	Practicum in Earth System Science
44	Earth System Science	EarthSS 299	Research
45	Economics	Econ 143	Energy Economics
46	Economics	Econ 157	Economic Development
47	Law	LAW 5787	Environmental Law & Policy
48	Management	MGMT 10	Business and Management in the World Today
49	Management	MGMT FE 206	Business and Government
50	Management	MGMT MBA 206	Business and Government
51	Mechanical and Aerospace Engineering	ENGR MAE 214	Fuel Cell Fundamentals and Technology
52	Mechanical and Aerospace Engineering	ENGR MAE 261	Air Quality Modeling
53	Planning, Policy & Design	PP&D 107	Urban and Regional Planning
54	Planning, Policy & Design	PP&D 108	Cities and Transportation
55	Planning, Policy & Design	PP&D 151	Environmental Psychology
56	Planning, Policy & Design	PP&D 153	Elements of Environmental Design
57	Planning, Policy & Design	PP&D 155	Urban Design Principles
58	Planning, Policy & Design	PP&D 176	Public Participation in the U.S
59	Planning, Policy & Design	PP&D 207	Development Control Law and Policy
60	Planning, Policy & Design	PP&D 235	Geographic Information Systems (GIS) Problem Solving in Planning
61	Planning, Policy & Design	PP&D 244	Land-Use Policy
62	Political Science	Pol Sci 154GD	Conflict Management in Cross-Cultural Perspective
63	Public Health	PubHlth 161	Environmental Geology
64	Public Health	PubHlth 169	Human Exposure Modeling
65	Public Health	PubHlth 179	Special Topics in Environmental and Global Health Science
66	Social Ecology	Social Ecology E8	Introduction to Environmental Analysis and Design
67	Social Science	Soc Sci 5A	Introduction to Human Geography
68	Social Science	Soc Sci 5B	Introduction to Physical Geography
69	Sociology	Sociol 44	Population