

**Sustainability-Focused Courses Offered Annually at UC Irvine**

Department	Course #	Course Name	Listed? Y or blank
1 Anthropology	Anthro 20A	People, Culture and Environmental Sustainability	
2 Biological Sciences	Bio Sci 9K	Global Change Biology	Y
3 Biological Sciences	Bio Sci 191A	Senior Seminar on Global Sustainability	Y
4 Biological Sciences	Bio Sci 191B	Senior Seminar on Global Sustainability II	Y
5 Biological Sciences	Bio Sci 191CW	Writing/Senior Seminar on Global Sustainability III	
6 Chemistry	CHEM 241	Issues Related to Tropospheric and Stratospheric Processes:	Y
7 Civil and Environmental Engineering	ENGR CEE 125	Transportation and the Environment	
8 Civil and Environmental Engineering	ENGR CEE 160	Environmental Processes	
9 Civil and Environmental Engineering	ENGR CEE 162	Introduction to Environmental Chemistry	
10 Civil and Environmental Engineering	ENGR CEE 167	Ecology of Costal Waters	Y
11 Civil and Environmental Engineering	ENGR CEE 171	Water Resources Engineering	
12 Civil and Environmental Engineering	ENGR CEE 172	Groundwater Hydrology	
13 Civil and Environmental Engineering	ENGR CEE 173	Computer Tools for Watershed Model	Y
14 Civil and Environmental Engineering	ENGR CEE 176	Hydrology	Y
15 Civil and Environmental Engineering	ENGR CEE 181 A	Senior Design Practicum	
16 Civil and Environmental Engineering	ENGR CEE 181 B	Senior Design Practicum	
17 Civil and Environmental Engineering	ENGR CEE 181 C	Senior Design Practicum	
18 Civil and Environmental Engineering	ENGR CEE 176	Hydrology	
19 Civil and Environmental Engineering	ENGR CEE 264	Carbon Footprint Analysis for Water and Wastewater System:	
20 Civil and Environmental Engineering	ENGR CEE 267	Ecology of Costal Waters, Graduate level	Y
21 Civil and Environmental Engineering	ENGR CEE 273	Computer Tools for Watershed Model, Graduate level	Y
22 Civil and Environmental Engineering	ENGR CEE 276	Hydrology, Graduate level	Y
23 Earth System Science	EarthSS 15	Introduction to Global Climate Change	
24 Earth System Science	EarthSS 23	Air Pollution and Global Environment	
25 Earth System Science	EarthSS 60A	Earth and Environmental Science	
26 Earth System Science	EarthSS 60B	Local and Regional Environmental Issues	
27 Earth System Science	EarthSS 112	Global Climate Change	
28 Earth System Science	EarthSS 178	Solving the Energy Carbon Climate Problem	
29 Earth System Science	EarthSS 180	Environmental Sustainability I	Y
30 Earth System Science	EarthSS 182	Environmental Sustainability II	Y
31 Earth System Science	EarthSS 190A	Senior Seminar on Global Sustainability I	Y
32 Earth System Science	EarthSS 190B	Senior Seminar on Global Sustainability II	Y
33 Earth System Science	EarthSS 190CW	Writing/Senior Seminar on Global Sustainability III	
34 Earth System Science	EarthSS 202	Climate Change	
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 122	Nuclear Environments	Y
39 Law	LAW 553	Seminar International Environmental Law	
40 Law	LAW 597AC	Advanced Community and Economic Development Clinic	
41 Law	LAW 597AE	Advanced Environmental Law	
42 Law	LAW 597C	Community and Economic Development Clinic	
43 Law	LAW 597E	Environmental Law Clinic	
44 Law	LAW 5788	Federal Public Land and Natural Resource Law	
45 Mechanical and Aerospace Engineering	ENGR MAE 110	Combustion and Fuel cell Systems	
46 Mechanical and Aerospace Engineering	ENGR MAE 118	Sustainable Energy Systems	
47 Mechanical and Aerospace Engineering	ENGR MAE 164	Air Pollution and Control	
48 Mechanical and Aerospace Engineering	ENGR MAE 218	Sustainable Energy Systems	
49 Mechanical and Aerospace Engineering	ENGR MAE 260	Issues Related to Tropospheric and Stratospheric Processes:	Y
50 Planning, Policy & Design	PP&D 112	Foundations of Community Health	Y
51 Planning, Policy & Design	PP&D 131	Environmental Sustainability I	Y
52 Planning, Policy & Design	PP&D 132	Environmental Sustainability II	Y
53 Planning, Policy & Design	PP&D 134	Human Ecology	
54 Planning, Policy & Design	PP&D 139	Water Resource Policy	Y
55 Planning, Policy & Design	PP&D 224	Environmental Politics and Policy	
56 Planning, Policy & Design	PP&D 231	Transportation and Environmental Health	
57 Planning, Policy & Design	PP&D 270	Environmental Ethics	
58 Political Science	Pol Sci 129	Water Resource Policy	Y
59 Psychology and Social Behavior	PSB 182P	Environmental and Public Health Policy	Y
60 Public Health	PubHlth 90	Natural Disasters	
61 Public Health	PubHlth 124	Environmental and Public Health Policy	Y
62 Public Health	PubHlth 125	Foundations of Community Health	Y
63 Public Health	PubHlth 163	Environmental Health Science	Y
64 Public Health	PubHlth 167	Air Pollution, Climate and Health	
65 Public Health	PubHlth 168	Nuclear Environments	Y
66 Public Health	PubHlth 171	Human Exposure to Environmental Contaminants	
67 Public Health	PubHlth 173	Health and Global Environmental Change	
68 Public Health	PubHlth 242	Environmental Health Science	Y
69 Social Ecology	SocEcol E127	Nuclear Environments	Y
70 Social Ecology	SocEcol 186A	Environmental Sustainability I	Y
71 Social Ecology	SocEcol 186B	Environmental Sustainability II	Y
72 Social Ecology	SocEcol 186CW	Writing/Senior Seminar on Global Sustainability III	Y
73 University Studies	US 13A	Environmental Studies I	
74 University Studies	US 13B	Environmental Studies II	
75 University Studies	US 13C	Environmental Studies III	
76 University Studies	US 17 A	Water I	
77 University Studies	US 17 B	Water II	
78 University Studies	US 17 C	Water III	
<b>Other Sustainability-Focused Courses Offered</b>			
1 Biological Sciences	Bio Sci E189	Environmental Ethics	
2 Civil and Environmental Engineering	ENGR CEE 60	Contemporary and Emerging Environmental Challenges	
3 Criminology, Law, and Society	Crm/Law C252	Issues in Environmental Law and Policy	Y
4 Earth System Science	EarthSS 13	Global Change Biology	Y
5 Earth System Science	EarthSS 224	Land Surface Processes	
6 Law	LAW 5787	Environmental Law & Policy	y
7 Planning, Policy & Design	PP&D 252	Issues in Environmental Law and Policy	Y

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	<b>Department</b>	<b>Course Number</b>	<b>Course Name</b>	<b>Cross-Listed? Y or blank</b>
1	<b>Anthropology</b>	Anthro 136D	Conflict Management in Cross-Cultural Perspective	Y
2	<b>Biological Sciences</b>	Bio Sci E118	Ecosystems Ecology	Y
3	<b>Biological Sciences</b>	Bio Sci E127	Physiological Plant Ecology	Y
4	<b>Biological Sciences</b>	Bio Sci E150	Evolution and Environment	
5	<b>Biological Sciences</b>	Bio Sci E179	Limnology Freshwater Ecology	
6	<b>Biological Sciences</b>	Bio Sci E179L	Field Freshwater Ecology	
7	<b>Biological Sciences</b>	BioSci E182	Mediterranean-Type Ecosystems: Biodiversity and Conservation	
8	<b>Biological Sciences</b>	Bio Sci E186	Population and Community Ecology	
9	<b>Civil and Environmental Engineering</b>	ENGRCEE 163	Biological Treatment Process Design	
10	<b>Civil and Environmental Engineering</b>	ENGRCEE 261	Applied and Environmental Microbiology	
11	<b>Civil and Environmental Engineering</b>	ENGRCEE 263	Advanced Biological Treatment Processes	
12	<b>Civil and Environmental Engineering</b>	ENGRCEE 265	Advanced Physical-Chemical Treatment Processes	
13	<b>Civil and Environmental Engineering</b>	ENGRCEE 266	Biotechnology of Wastewater	
14	<b>Civil and Environmental Engineering</b>	ENGRCEE 268	Pollution Prevention Through Manufacturing, Materials Selection, and Product Design	
15	<b>Civil and Environmental Engineering</b>	ENGRCEE 272	Groundwater Hydrology	
16	<b>Civil and Environmental Engineering</b>	ENGRCEE 273	Watershed Modeling	
17	<b>Civil and Environmental Engineering</b>	ENGRCEE 276	Hydrology	
18	<b>Civil and Environmental Engineering</b>	ENGRCEE 289	Analysis of Hydrologic Systems	
19	<b>Earth System Science</b>	EarthSS1	The Physical Environment	
20	<b>Earth System Science</b>	EarthSS 3	Oceanography	
21	<b>Earth System Science</b>	EarthSS 5	The Atmosphere	
22	<b>Earth System Science</b>	EarthSS 7	Geology	
23	<b>Earth System Science</b>	EarthSS 17	Catastrophes	
24	<b>Earth System Science</b>	EarthSS 51	Land Interactions	
25	<b>Earth System Science</b>	EarthSS 53	Ocean Biogeochemistry	
26	<b>Earth System Science</b>	EarthSS 55	Earth's Atmosphere	
27	<b>Earth System Science</b>	EarthSS 60C	Global Environmental Issues	
28	<b>Earth System Science</b>	EarthSS 164	Ecosystem Ecology	Y
29	<b>Earth System Science</b>	EarthSS 168	Physiological Plant Ecology	Y
30	<b>Earth System Science</b>	EarthSS 212	Geoscience Modeling and Data Analysis	
31	<b>Earth System Science</b>	EarthSS 232	Terrestrial Hydrology	
32	<b>Earth System Science</b>	EarthSS 240	Atmospheric Chemistry and Physics	
33	<b>Earth System Science</b>	EarthSS 266	Global Biological Change	
34	<b>Earth System Science</b>	EarthSS 282A	Special Topics in Climate	
35	<b>Earth System Science</b>	EarthSS 284A	Special Topics in Atmospheric Chemistry	
36	<b>Earth System Science</b>	EarthSS 284B	Special Topics in Atmospheric Chemistry	
37	<b>Earth System Science</b>	EarthSS 284C	Special Topics in Atmospheric Chemistry	
38	<b>Earth System Science</b>	EarthSS 286A	Special Topics in Biogeochemistry	
39	<b>Earth System Science</b>	EarthSS 286B	Special Topics in Biogeochemistry	
40	<b>Earth System Science</b>	EarthSS 288A	Special Topics in Ecosystems	
41	<b>Earth System Science</b>	EarthSS 288B	Special Topics in Ecosystems	
42	<b>Earth System Science</b>	EarthSS 288C	Special Topics in Ecosystems	
43	<b>Earth System Science</b>	EarthSS 290	Seminar	
44	<b>Earth System Science</b>	EarthSS 298	Practicum in Earth System Science	
45	<b>Economics</b>	Econ 157	Economic Development	
46	<b>International Studies</b>	Intl St 183E	Conflict Management in Cross-Cultural Perspective	Y
47	<b>Law</b>	Law 5657	Animal Law	
48	<b>Management</b>	MGMT 10	Business and Management in the World Today	
49	<b>Mechanical and Aerospace Engineering</b>	ENGR MAE 261	Air Quality Modeling	
50	<b>Planning, Policy &amp; Design</b>	PP&D E8	Introduction to Environmental Analysis and Design	Y
51	<b>Planning, Policy &amp; Design</b>	PP&D 107	Urban and Regional Planning	
52	<b>Planning, Policy &amp; Design</b>	PP&D 151	Environmental Psychology	Y
53	<b>Planning, Policy &amp; Design</b>	PP&D 153	Elements of Environmental Design	
54	<b>Planning, Policy &amp; Design</b>	PP&D 155	Urban Design Principles	
55	<b>Planning, Policy &amp; Design</b>	PP&D 180	Cities and Transportation	
56	<b>Planning, Policy &amp; Design</b>	PP&D 235	Geographic Information Systems (GIS) Problem Solving in Planning	
57	<b>Planning, Policy &amp; Design</b>	PP&D 244	Land-Use Policy	
58	<b>Political Science</b>	Pol Sci 154GD	Conflict Management in Cross-Cultural Perspective	Y
59	<b>Psychology and Social Behavior</b>	PSB 171S	Environmental Psychology	Y
60	<b>Public Health</b>	PubHlth 60	Environmental Quality and Health	
61	<b>Public Health</b>	PubHlth 151	Environmental Psychology	Y
62	<b>Public Health</b>	PubHlth 161	Environmental Geology	Y
63	<b>Public Health</b>	PubHlth 169	Human Exposure Modeling	
64	<b>Public Health</b>	PubHlth 278	Industrial Toxicology	
65	<b>Social Ecology</b>	Social Ecology E8	Introduction to Environmental Analysis and Design	Y
66	<b>Social Ecology</b>	Social Ecology E10	Environmental Geology	Y
67	<b>Social Science</b>	SocSci 183E	Conflict Management in Cross-Cultural Perspective	Y
68	<b>Sociology</b>	Sociol 44	Population	

**Other Sustainability-Related Courses Offered**

1	<b>Biological Sciences</b>	Bio Sci E175	Restoration Ecology	Y
2	<b>Biological Sciences</b>	BioSci E181	Conservation in the American West	
3	<b>Chemistry</b>	Chem 245	Atmospheric Chemistry of the Natural and Polluted Troposphere	
4	<b>Criminology, Law, and Society</b>	Crm/Law C207	Development Control Law and Policy	Y
5	<b>Criminology, Law, and Society</b>	Crm/Law C252	Environmental Law & Policy	Y
6	<b>Earth System Science</b>	EarthSS H90	The Idiom and Practice of Science	
7	<b>Earth System Science</b>	EarthSS 268	Physiological Plant Ecology, Graduate level	
8	<b>Earth System Science</b>	EarthSS 299	Research	
9	<b>Mechanical and Aerospace Engineering</b>	ENGR MAE 214	Fuel Cell Fundamentals and Technology	
10	<b>Planning, Policy &amp; Design</b>	PP&D 176	Public Participation in the U.S	
11	<b>Planning, Policy &amp; Design</b>	PP&D 207	Development Control Law and Policy	Y
12	<b>Public Health</b>	PubHlth 179	Special Topics in Environmental and Global Health Science	
13	<b>Social Science</b>	Soc Sci 5A	Introduction to Human Geography	
14	<b>Social Science</b>	SocSci 5B	Introduction to Physical Geography	