

UC San Diego Collection of Sustainability Courses

Courses are linked to catalog descriptions and *related* to sustainability unless coded as a *focus* course.

<u>Academic Program</u>	<u>Course #</u>	<u>Crosslisted</u>	<u>Class Title</u>	<u>Focus</u>
Anthropology	ANTH 3		World Prehistory	
	ANTH 23		Debating Multiculturalism: Race, Ethnicity,&Class in American Societies	
	ANTH 87		Freshman Seminar	
	ANTH 101		Foundations of Social Complexity	
	ANAR 118		Archaeology of the UCSD Campus	
	ANAR 181		The Archaeology of Hunters-Gatherers	
	ANAR 182		Origins of Agriculture and Sedentism	
	ANBI 114		Methods of Primate Conservation	
	ANBI 132	BIEB 176	Conservation and the Human Predicament	F
	ANBI 146		Stable Isotopes in Ecology	
ANSC 160		Nature, Culture and Environmentalism		
Division of Biological Sciences	BILD 3		Organismic and Evolutionary Biology	
	BILD 16		History of Life	F
	BILD 18		Human Impact on the Environment	F
	BILD 22		Human Nutrition	
	BILD 30		Biology of Plagues: Past and Present	
	BILD 36		AIDS Science and Society	
	BILD 87		Freshman Seminar	
	BIBC 104		Biochemistry and Biotechnology of Plants	F
	BIBC 116		Evolution of Genes and Proteins	
	BIBC 120		Nutrition	
	BIBC 130		Marine Biochemistry	
	BICD 120		Fundamentals of Plant Biology	
	BICD 122		Plant Cellular and Molecular Biology	
	BICD 123		Plant Molecular Genetics and Biotechnology Laboratory	
	BICD 131		Embryology Laboratory	
	BIEB 100		Biostatistics	
	BIEB 102		Introductory Ecology - Organisms and Habitat	F
	BIEB 121		Ecology Laboratory	F
	BIEB 123		Molecular Methods in Ecology and Evolution Laboratory	
	BIEB 126		Plant Ecology	
	BIEB 128		Insect Ecology	F
	BIEB 131		Marine Invertebrate Ecology Laboratory	
	BIEB 132		Introduction to Marine Biology	
	BIEB 134		Introduction to Biological Oceanography	
	BIEB 136		Ichthyology	
	BIEB 140		Biodiversity	F
	BIEB 144		Quantitative Ecology and Conservation	
	BIEB 145		Spatial Analyses in Ecology and Conservation	
	BIEB 150		Evolution	F
	BIEB 156		Population Genetics	
BIEB 164		Behavioral Ecology		
BIEB 165		Behavioral Ecology Laboratory		
BIEB 166		Animal Behavior and Communication		
BIEB 167		Animal Communication Laboratory		

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	BIEB 176		Conservation and the Human Predicament	F
	BIMM 126		Marine Microbiology	
	BIMM 127		Marine Microbiology Laboratory	
	BIMM 132		Molecular Biology of Human Retroviruses	
	BIMM 134		Biology of Cancer	
	BIMM 166		Environmental and Molecular Toxicology	
	BIMM 182		Biological Databases	
	BIPN 100		Mammalian Physiology I	
	BIPN 102		Mammalian Physiology II	
	BIPN 105		Animal Physiology Lab	
	BIPN 106		Comparative Physiology	
	BIPN 108		Physiology of Exercise	
	BGGN 204		Topics in Community and Population Ecology	F
	BGGN 213		Topics in Conservation Biology	F
	BGGN 215		Phylogenetics	
	BGGN 227		Graduate Topics in Plant Biology	
	BGRD 218		Research Discussion in Plant Molecular Genetics	
	BGRD 220		Research Discussion in Advanced Evolutionary Biology	
	BGRD 221		Research Discussion in Behavioral Ecology	
	BGRD 222		Research Discussion in Evolutionary Molecular Ecology	
	BGRD 223		Research Discussion in Ecology	
	BGRD 224		Research Discussion in Plant Population Biology	
	BGRD 225		Research Discussion in Genetic Variation	
	BGRD 226		Research Discussion in Conservation	
Chemistry & Biochemistry	CHEM 13		Chemistry of Life	
	CHEM 15		Chemistry of the Universe	
	CHEM 100A		Analytical Chemistry Laboratory	
	CHEM 100B		Fundamentals of Instrumental Analysis	
	CHEM 100BL		Instrumental Analysis Laboratory	
	CHEM 118		Pharmacology and Toxicology	
	CHEM 149A		Environmental Chemistry	
	CHEM 149B		Environmental Chemistry	
	Chem 151		Molecules that Changed the World	
	CHEM 157		Bioorganic and Natural Products Chemistry	
	CHEM 166		Environmental and Molecular Toxicology	
	CHEM 173		Atmospheric Chemistry	
	CHEM 174		Chemical Principles of Marine Systems	
	CHEM 257		Bioorganic and Natural Products Chemistry	
	CHEM 266		Environmental and Molecular Toxicology	
	CHEM 270A		Current Topics in Environmental Chemistry	
	CHEM 270B		Current Topics in Environmental Chemistry	
	CHEM 270C		Current Topics in Environmental Chemistry	
	CHEM 273		Atmospheric Chemistry	
Communication	COSF 123		Communication, Dissent and Social Movement	
	COSF 160		Political Economy/Global Consumer Culture	
	COSF 185		Gender, Labor and Culture in the Global Economy	
	COCU 141A		Media and Technology: Global Nature, Global Culture	
	COCU 141B		Media and Technology: Gender and Biomedicine	
	COCU 145		Cultures of Consumption	

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Economics	COCU 148		Communication and the Environment	
	COHI 135		Language and Globalization	
	COGR 240	HIGR 273	The Culture of Consumption	
	ECON 130		Public Policy	
	ECON 131		Economics of the Environment	
	ECON 132		Energy Economics	
	ECON 133		International Environmental Agreements	
	ECON 135	USP 102	Urban Economics	
	ECON 144		Economics of Conservation	
	ECON 145		Economics of Ocean Resources	
	ECON 240		Economic Development	
	ECON 245		International Trade	
	ECON 250		Labor Economics	
	ECON 266		Economics of Natural Resources	
ECON 267		Topics in Environmental and Resource Economics		
[Engineering]				
Bioengineering	BENG 225		BioBusiness: Starting, Growing, and Harvesting a Biotech Co.	
	BENG 247A	ECE 247A	Advanced BioPhotonics	
	BENG 247B	ECE 247B	Bioelectronics	
	BENG 247C	ECE 247C	Bionanotechnology	
Chemical Engineering	CENG 124A		Chemical Plant and Process Design I	
	CENG 124B		Chemical Plant and Process Design II	
Electrical and Computer Engineering	ECE 245B		Advanced Acoustics II	
	ECE 245C		Advanced Acoustics III	
	ECE 247A		Advanced BioPhotonics	
	ECE 247B		BioElectronics	
Materials Science and Engineering	MATS 252	MAE 266	Biomaterials	
	ECE 247C		BioNanotechnology	
Mechanical and Aerospace Engineering	MAE 118A		Introduction to Energy Systems	
	MAE 118B		Twenty-First Century Energy Technologies I	
	MAE 118C		Twenty-First Century Energy Technologies II	
	MAE 124	ESYS 103	The Human Earth: An Introduction to Environmental Engineering and Policy	
	MAE 125A		Flow and Transport in the Environment	
	MAE 125B		Fluid-Solid Interactions in Environment Engineering	
	MAE 125C		Case Studies in Environmental Engineering	
	MAE 126A		Environmental Engineering Laboratory I	
	MAE 126B		Environmental Engineering Laboratory II	
	MAE 127		Statistical Methods for Environmental Sciences and Engineering	
	MAE 216	SIO 213	Ocean Turbulence and Mixing	
	MAE 224B	SIO 214B	Environmental Fluid Dynamics	
	MAE 266	MATS 252	Biomaterials	
Structural Engineering	SE 181		Geotechnical Engineering	
	SE 182		Foundation Engineering	
	SE 183		Engineering Geology	
	SE 241		Advanced Soil Mechanics	
	SE 242		Advanced Foundation Engineering	

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	SE 243		Soil-Structure Interaction	
Environmental Studies	ENVR 30		Environmental Issues: Natural Sciences	
	ENVR 102		Selected Topics in Environmental Studies	
	ENVR 110		Environmental Law	
	ENVR 130		Environmental Issues: Social Sciences	
Environmental Systems	ESYS 10		Introductions to Environmental Systems	
	ESYS 87		Freshman Seminar	
	ESYS 90		Perspectives on Environmental Issues	
	ESYS 101		Environmental Biology	
	ESYS 102		The Solid and Fluid Earth	
	ESYS 103	MAE 124	Environmental Challenges: Science and Solutions	
	ESYS 120		Costal Ecology	
	ESYS 150		Environmental Perils	
Ethnic Studies	ETHN 87		Freshman Seminar	
	ETHN 103		Environmental Racism	
	ETHN 104		Race, Space, and Segregation	
	ETHN 105	USP 104	Ethnic Diversity and the City	
	ETHN 108		Race Culture and Social Change	
	ETHN 109		Race and Social Movement	
	ETHN 117		Organic Social Movements	
	ETHN 142		Medicine, Race, and the Global Politics of Inequality	
	ETHN 152		Law and Civil Rights	
History	HISC 101C		Early Modern Science	
	HISC 102		Technology in World History	
	HISC 104		History of Popular Science	
	HISC 105		History of Environmentalism	
	HISC 108		Science and Technology in the Twentieth Century	
	HISC 111		Origins of the Atomic Age	
	HISC 114		The Darwinian Legacy	
	HISC 130		Technology in the Twentieth Century	
	HISC 131		Science, Technology, and Law	
	HISC 163	HISC 263	History, Science, and Politics of Climate Change	
	HISC 170	HISC 270	Topics in the History of Science and Technology Building America Technology, Culture, and the Built Environment in the	
	HISC 172	HISC 272	United States	
	HIUS 147	USP 165	History of the American Suburb	
	HIUS 148	USP 103	The American City in the Twentieth Century	
	HIUS 162	HIUS 262	The American West	
	HIGR 237		Topics in the History of Ocean Sciences	
	HIGR 273	COGR 240	The Culture of Consumption	
	HITO 192		Biology and Society	
School of International Relations and Pacific Studies	IRCO 400		Policy-Making Process	
	IRCO 410		International Politics and Security	
	IRCO 412		Globalization, the World System, and the Pacific	
	IRCO 461		Business and Government in the Global Economy	
	IRGN 401		Ethnic Conflict	
	IRGN 407		Policy Implementation Process	
	IRGN 413		Corporate Strategy and the Environment	
	IRGN 429		The Globalization of Production	

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	IRGN 432		Immigration and Immigration Policy	
	IRGN 441		WTO and the Law	
	IRGN 448		Civil Society and Development	
	IRGN 451		Economic Development	
	IRGN 457		Cost Benefit Analysis	
	IRGN 458		International Environmental Policy and Politics	
	IRGN 459		Conflict Resolution of Environmental Issues	
	IRGN 465		Management of Non-Profit Organizations	
	IRGN 487		Applied Environmental Economics	
	IRGN 490		Special Topics in Pacific International Affairs	
	IRGN 206		Corporate Strategy and the Environment	
	IRGN 241		WTO and the Law	
	IRGN 257		Cost Benefit Analysis	
	IRGN 258		International Environmental Policy and Politics	
	IRGN 259		Conflict Resolution of Environmental Issues	
	IRGN 289		Applied Environmental Economics	
International Studies	INTL 102		Economics, Politics and International Change	
Literature	LTWR 122		Writing for the Sciences	
	LTWL 165		Literature and the Environment	
Philosophy	PHIL 27	POLI 27	Ethics and Society	
	PHIL 148		Philosophy of the Environment	
	PHIL 164		Technology and Human Values	
Physics	PHYS 8		Physics of Everyday Life	
	PHYS 12		Energy and the Environment	
	PHYS 251		High-Energy Physics Seminar	
Political Science	POLI 13		Power and Justice	
	POLI 27	PHIL 27	Ethics and Society	
	POLI 87		Freshman Seminar	
	POLI 100E		Interest Group Politics	
	POLI 102E	USP 107	Urban Politics	
	POLI 103A	USP 109	California Government and Politics	
	POLI 103B	USP 113	Politics and Policymaking in Los Angeles	
	POLI 103C	USP 115	Politics and Policymaking in San Diego	
	POLI 120K		Politics of Developing Countries	
	POLI 125		The Politics of Conservation in Developing Countries	
	POLI 125A		Communities and the Environment	
	POLI 138D		Special Topics in Comparative Politics	
	POLI 144E		Politics of International Trade	
	POLI 144F		Politics of International Trade and Finance	
	POLI 160AA	USP 101	Introduction to Policy Analysis	
	POLI 160AB		Introduction to Policy Analysis	
	POLI 162		Environmental Policy	
	POLI 165		Special Topics: Policy Analysis	
	POLI 168		Policy Assessment	
	POLI 231E		Politics of Development	
Psychology	PSYC 130	PSYC 258	Delay of Gratification	
Rady School of Management	MGT 166		Business Ethics and Corporate Responsibility	
Science, Technology, and Public Affairs	STPA 35		Society and the Sea	

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Scripps Institution of Oceanography	SIO 10		The Earth	
	SIO 12		History of the Earth and Evolution	
	SIO 15		Natural Disasters	
	SIO 20		The Atmosphere	
	SIO 25		Climate Change and Society	
	SIO 30		The Oceans	
	SIO 35		Water	F
	SIO 40		The Biosphere	F
	SIO 87		Freshman Seminar	
	SIO 101		California Coastal Oceanography	
	SIO 104	SIO 255	Paleobiology and History of Life	
	SIO 112		Urban Landscapes	
	SIO 117		The Physical Climate System	
	SIO 142		Atmospheric Chemistry and the Biochemical Cycles of Atmospheric Trace Gases	
	SIO 148	SIO 248	Evolution of Earth's Biosphere	
	SIO 192		Senior Seminar	
	SIO 201		Geological Record of Climate Change	
	SIO 208		Seminar in Applied Ocean Sciences	
	SIO 209		Special Topics	
	SIO 213	MAE 214B	Ocean Turbulence and Mixing	
	SIO 214B	MAE 224B	Environmental Fluid Dynamics	
	SIO 217A		Atmospheric and Climate Sciences I	
	SIO 217B		Atmospheric and Climate Sciences II	
	SIO 217C		Atmospheric and Climate Sciences III	
	SIO 219		Special Topics in Physical Oceanography	
	SIO 220		Observations of Large-Scale Ocean Circulation	
	SIO 240		Marine Geology	
	SIO 243		Marine Paleoecology	
	SIO 248		Evolution of Earth's Biosphere	
	SIO 262		Seminar in Marine Natural Products	
	SIO 264		Special Topics in Marine Natural Products Chemistry	
	SIO 265		Chemical Ecology of Marine Organisms	
	SIO 275A		Benthic Ecology	
SIO 275B		Natural History of Coastal Habitats		
SIO 276		Quantitative Theory of Populations and Communities		
SIO 270		Pelagic Ecology		
SIO 270A		Fisheries Oceanography		
SIO 278		Seminar in Ocean Biosciences		
SIO 279		Special Topics Biological Oceanography		
SIO 280		Biological Oceanography		
SIO 286		Marine Science, Economics and Policy		
SIO 290		Marine Biology		
SIO 296		Special Topics in Marine Biology		
Sociology	SOC 20		Social Change in the Modern World	
	SOC 30		Science, Technology, and Society	
	SOC 87		Freshman Seminar	
	SOC 115		Social Problems	
	SOCC 149		Sociology of the Environment	

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	SOCL 192		Senior Seminar	
Urban Studies and Planning	USP 1		History of US Urban Communities	
	USP 2		Urban World System	
	USP 3		The City and Social Theory	
	USP 100		Introduction to Urban Planning	
	USP 101	POLI 160AA	Introduction to Policy Analysis	
	USP 102	ECON 135	Urban Economics	
	USP 103	HIUS 148	American Cities in the Twentieth Century	
	USP 104	ETHN 105	Ethnic Diversity and the City	
	USP 107	POLI 102E	Urban Politics	
	USP 109	POLI 103A	California Government and Politics	
	USP 113	POLI 103B	Politics and Policymaking in Los Angeles	
	USP 115	POLI 103C	Politics and Policymaking in San Diego	
	USP 124		Land Use Planning	
	USP 137		Housing and Community Development Policy and Practice	
	USP 144		Environmental and Preventative Health Issues	
	USP 165	HIUS 147	History of the American Suburb	
	USP 166		History of San Diego	
	USP 170		Sustainable Planning	
	USP 171		Sustainable Development	
	USP 173		History of Urban Planning and Design	
	USP 174		Regional Governance and Planning Reconsidered	
	USP 178		Urban Design for Redevelopment	
	USP 179		Urban Design, Theory, and Practice	
	USP 180		Transportation Planning	
	USP 181		Public Transportation	
	USP 191		GIS for Urban and Community Planning	
Visual Arts	VIS 110G		The Natural and Altered Environment	
	VIS 213		Public Space	