

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 | |