



ENVIRONMENTAL STUDIES

Transfer Requirements

The following requirements for the major are subject to change without notice. To assure accuracy of the information on this sheet, you should consult with the Environmental Studies counselor, or review articulation agreements via the Internet at WWW.ASSIST.ORG You may also consult the Articulation Officer for specific articulation agreements.

CAREER OPPORTUNITIES An increasing need exists for persons concerned with protecting and improving our Physical, biological and social environment. Environmental Engineering analyzes and synthesizes environmental control systems and their components. Air Pollution Control is concerned with the surveillance, control and forecast of physical-chemical aspects of pollution. Water Pollution and Waste Management concentrates and encompasses pollution sources, quality standards, treatment and control processes concerned with liquid or solid waste management and water quality control. A Geography emphasis can lead to careers in Environmental Impact Studies for local and regional planning agencies, State and Federal Agencies (i.e. Bureau of Land Management, California State Parks) and private business firms (e.g. site location analysis, air photo and remote sensing analysis.) Social Ecology programs offer solutions to recurring problems arising from interaction between the social and physical environments. Graduates are employed in community psychology, criminal justice, environmental quality and health, human development, planning and public policy.

CALIFORNIA STATE UNIVERSITY, LONG BEACH (2011-2012)

B.S. in Biology, option in Ecology: Biology 101 and 102; Chemistry 1A and 1B; Geology 1 and 3 or 30 or 32; Math 160 and 161 or 190 and 191; Physics 2A and 2B or 3A and 3B or 1A and 1B and 1C

B.A. Environmental Science and Policy: Biology 10 or 101; Chemistry 1A or 21A and 21B; Economics 1 and 2; Geology 1 and 3; Math 160, 161 or 190; Biology 15 or Geography 1; Major electives: Microbiology 33; Physics 2A or 3A; Geography 2; Anthropology 3; Math 191

B.S. Environmental Science and Policy: Biology 101-102 Chemistry 1A-1B; Geology 1 and 3; Math 190 and 191 or 160 and 161; Economics 1, 2; Geology 1, 3; elective units from Anthropology 3, Microbiology 33, Physics 1A, 1B, 1C or 2A, 2B or 3A, 3B

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (2011-2012)

B.S. in Geology, specialization in Environmental Geology: Chemistry 1A, 1B; Geology 1, 2, 3, 4; Math 190; Physics 2A and 2B or 1A-1B-1C-1D; Chemistry 7A and 7B

UNIVERSITY OF CALIFORNIA, BERKELEY (2011-2012)

B.A. and B.S. in Environmental Sciences are offered in both the College of Letters and Science (B.A.) and in the College of Natural Resources (B.S.).

For admission to College of Natural Resources (CNR): students must complete 1) the L&S Requirements in Reading and Composition, Foreign Language and Quantitative Reasoning or 2) IGETC by the end of the spring term that precedes the fall enrollment at Berkeley. It is strongly recommended that students complete the lower division biology, chemistry, math, and if possible, the physics, economics and environmental sciences requirements.

There are three tracks within the Environmental Sciences major, students must choose an emphasis: Biological Sciences, Physical Sciences, or Social Sciences.

Biological Science Track: Biology 101-102-103; Chemistry 1A-7A; Economics 1 and 2; Math 190-191 or 160-161; Physics 1A -1B or 3A.

Physical Science Track: Biology 10 or 101-102-103; Chemistry 1A-7A; Economics 1 and 2; Math 190-191; Physics 1A-1B-1C.

Social Science Track: Biology 10 or 101-102-103; Chemistry 1A-1B or 1A-7A; Economics 1 and 2; Math 160-161 or 190-191; Physics 1A-1B or 3A

UNIVERSITY OF CALIFORNIA, IRVINE (2011-2012)

B.A. Earth and Environmental Sciences: Biology 101-102; Chemistry 1A-1B; Math 190-191-270; Chose one from: Oceanography 10 or Geology 1; Additional elective courses chosen from: Biology 103, Chemistry 7A, Economics 1, 2, Psychology 8, Sociology 101, 104;

B.S. Earth and Environmental Sciences: Chemistry 1A-1B; Math 190-191-22-270; Physics 3A-3B or 1A-1B-1D; Additional Electives from: Biology 101-102-103, Computer Science 3, 10, 30, Chemistry 7A-7B

B.S. Environmental Engineering: Computer Science 3 or 10; Engineering 9; Chemistry 1A-1B, 7A; Math 190, 191, 220, 270; Physics 1A, 1C; Economics 1, 2

UNIVERSITY OF CALIFORNIA, LOS ANGELES (2011-2012)

B.S. Environmental Science: Recommended courses: Math 150, 190-191; Chemistry 1A-1B; Biology 101-102; Physics 1A-1C-1D or 3A-3B

UNIVERSITY OF CALIFORNIA, SAN DIEGO (2011-2012)

B.S. Environmental Systems/Earth Sciences: Math 190-191-220; Biology 101-102; Chemistry 1A-1B; Physics 1A-1B-1C; Economics 2

B.S. Environmental Systems/Ecology, Behavior, and Evolution; Environmental Systems/Environmental Policy: Math 190-191; Biology 101-102; Chemistry 1A-1B; Physics 3A-3B; Economics 2

B.S. Environmental Systems/Environmental Chemistry: Math 190-191; Biology 101-102; Chemistry 1A-1B, 7A-7B; Physics 3A-3B; Economics 2

UNIVERSITY OF CALIFORNIA, SANTA BARBARA (2011-2012)

B.A. Environmental Studies: Biology 10 or 101; Biology 15; Economics 1 or 2; Math 150, 190-191 or 160-161; One course from: Geology 1, 15, Geography 1, 9, Oceanography 10; Chemistry 1A-1B; Select one course from: Philosophy 3 or 8; Select two courses from: Anthropology 2, Geography 2, Political Science 1, 2, 10, Philosophy 7, Sociology 101

B.S. Environmental Studies: Biology 101-102-103- 104, 15; Economics 1 or 2; Physics 1A-1B-1C or 3A-3B or 2A-2B; Chemistry 1A-1B; Math 150, 190, 191, 270 (Math 220 is a prerequisite for Math 270); Select one course from Geology 1, 15, Geography 1, 9, Oceanography 10; Select one course from Philosophy 3 or 8; Select one course from Anthropology 2, Geography 2, Political Science 1, 2, 10, Philosophy 7, Sociology 101

UNIVERSITY OF SOUTHERN CALIFORNIA (2011-2012)

B.A. Environmental Studies: Follow USC GE pattern; Math 190

B.S. Environmental Studies, emphasis in Biology, Chemistry, Earth Sciences; Recommended courses: Follow USC GE pattern; Math 190-191; Physics 1A-1B

