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 (2006-2007)
B.S. in Biology, option in Ecology: Biology 1A-1B; Chemistry 1A-1B; Geology 1 and 3 or 30 or 32; Math 160-161 or 190-191; Physics 2A-2B or 3A-3B
B.A. Environmental Science and Policy: Biology 10; Chemistry 21A; Economics 1 and 2; Geology 1 and 3; Math 160 or 190; Major electives: Microbiology 33; Physics 2A or 3A; Geography 2; Anthropology 3
B.S. Environmental Science and Policy: Biology 1A-1B-1C (or Biology 1A-1B and 211A at CSULB); Chemistry 1A-1B; Geology 1 and 3; Math 190-191 or 160-161; electives: Natural Science track, 12 units must be in Biology and Microbiology, Geology, Chemistry, and Chemical Engineering (Physics 2A-2B or 3A-3B or 1A-1B-1C required for the Natural Science track). For those in the Social Science track, 12 units must be in Anthropology, Economics or Geography]

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (2005-2006)
B.S.in Geography, specialization in Environmental Studies: Geography 1 or 9, 5, 8

UNIVERSITY OF CALIFORNIA, BERKELEY (2005-2006)
B.A. and B.S. in Environmental Sciences is 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 Letters and Science (L&S): 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.
For admission to College of Natural Resources (CNR): it is strongly recommended that students complete the lower division biology, chemistry, math, and if possible, the physics, economics and environmental sciences requirements.
Students who intend to follow the Biological Science emphasis or the Physical Science emphasis must complete the courses equivalent to Chemistry 3A, not Chemistry 1B. IGETC is an acceptable transfer GE pattern for all majors in CNR.

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 1A-1B-1C; Chemistry 1A-7A; Economics 1 and 2; Math 190-191 or 160-161; Physics 1A and 1B or 3A.
Physical Science Track: Biology 1A-1B-1C; Chemistry 1A-7A; Economics 1 and 2; Math 190-191; Physics 1A-1B-1C.
Social Science Track: Biology1A-1B-1C; 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 (2005-2006)
B.S. Earth and Environmental Sciences: Chemistry 1A-1B; Math 190-191-270; Physics 3A-3B or 1A-1B-1D; Additional elective courses chosen from: Biology 1A-1B; Chemistry 7A-7B; Math 220; Physics 1D; Computer Science 25 or 10 or 3 and 30.
B.S. Environmental Analysis and Design: Psychology 5 and Sociology 101; Psychology 9B; Math 150 or Psychology 9A or Sociology 109
B.S. Environmental Engineering: Computer Science 10 or 25; Engineering 9;Biology 1A-1B; Chemistry 1A-1B, 7A; Math 190, 191, 22, 270; Physics 1A

UNIVERSITY OF CALIFORNIA, SANTA BARBARA (2005-2006)
B.A. Environmental Studies: Biology 10 or 1A; Biology 15; Economics 1, 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 1A, 1B, 1C, 15; Economics 1, 2; Physics 1A-1B-1C (recommended) 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 (2005-2006)
B.A.Environmental Studies: emphasis in Social Sciences, Business, Geography, Public Policy and Management
Recommended courses: Biology 1A-1B-1C; Chemistry 1A-1B; Geology 1 and 3
B.S.Environmental Studies, emphasis in Biology, Chemistry, Earth Sciences
Recommended courses: Biology 1A-1B-1C; Chemistry 1A-1B; Math 190-191; Physics 2A-2B