



# 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](http://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** (2014-2015)

**B.A. Environmental Science and Policy:** Biology 10 or 101; Chemistry 1A or 20 or 21A and 21B; Economics 1 and 2; Geology 1 and 3; Math 160 or 190

**B.S. Environmental Science and Policy:** Biology 101-102 Chemistry 1A-1B; Geology 1 and 3; Math 190 and 191; Economics 2; Geology 1, 3

### **CALIFORNIA STATE UNIVERSITY, NORTHRIDGE** (2014-2015)

**B.S.in Geology, specialization in Environmental Geology:** Chemistry 1A, 1B; Geology 1, 2, 3, 4; Math 190 and 191 or 160 and 161; Physics 2A and 2B or 1A-1B-1C-1D or 3A and 3B; Chemistry 7A and 7B

### **UNIVERSITY OF CALIFORNIA, BERKELEY** (2014-2015)

**For admission to College of Natural Resources (CNR):** **IGETC preferred** as it meets the Reading and Composition, Social Science Core, and the two general breadth courses required by the major. IGETC must be completed 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 concentration:** Biology 101-102-103; Chemistry 1A and 7A; Economics 1 and 2; Math 190-191; Recommended: Physics 1A and 1B or Physics 3A.

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

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

**UNIVERSITY OF CALIFORNIA, IRVINE** (2014-2015)

**B.A. Environmental Sciences:** Biology 101-102; Chemistry 1A-1B; Math 150 or Psychology 9A or Sociology 109 and Math 190-191; Economics 1, 2; Sociology 101, 104; two elective courses from: Biology 103, Chemistry 7A-7B, Physics 3A-3B, Physics 1A;

\*Preference is given to students who have completed one year of chemistry and one year of biology

**B.S. Earth System Science:** Chemistry 1A-1B or Physics 3A-3B or 1A-1B-1D; Math 190-191-220-270; Additional Electives from: Biology 101-102-103, Chemistry 7A-7B, Computer Science 1 or 30

\*Preference is given to students with one year of calculus, one year of chemistry or calculus based physics with a 3.0 GPA in those courses

**B.S. Environmental Engineering:** Engineering 9; Chemistry 1A-1B, 7A; Math 190, 191, 220, 270; Physics 1A, 1C; Economics 1, 2

**UNIVERSITY OF CALIFORNIA, LOS ANGELES** (2014-2015)

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

**UNIVERSITY OF CALIFORNIA, SAN DIEGO** (2014-2015)

**B.S. Environmental Systems/Earth Sciences:** Math 190-191-220; Biology 101-102-103; 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 101-102-103; Chemistry 1A-1B; Physics 3A-3B; Economics 2

**B.S. Environmental Systems/Environmental Chemistry:** Math 190-191-220-270; Biology 101-102-103; Chemistry 1A-1B, 7A-7B; Physics 1A-1B-1C; Economics 2

**UNIVERSITY OF CALIFORNIA, SANTA BARBARA** (2014-2015)

**B.A. Environmental Studies:** Biology 10 or 101-102-103; Biology 15; Chemistry 1A-1B; Economics 1 or 2; Math 150, 190-191; One course from: Geology 1, 15, Geography 1, 9, Oceanography 10;

Select one course from: Philosophy 3 or 8 or Political Science 7 or Philosophy 17; Select one course from: Political Science 1, 2, 10, Select one course from: Anthropology 2, Geography 2, Philosophy 7, Psychology 5, Sociology 101

**B.S. Environmental Studies:** Biology 101-102-103; Biology 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** (2014-2015)

**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