

Environmental Sciences Major (ES)

Overview of Major: The major emphasizes basic science in a rigorous curriculum drawn from a variety of departments including biology, chemistry, mathematics, physics, economics and environmental science. In the junior and senior years, students take electives in their area of interest, as well as courses in statistics, research methodology, and environmental modeling to prepare for the senior research thesis seminar. In the research seminar, each student designs and conducts a research project of his or her own choosing. This year-long course is the capstone of the major. The experience is extremely helpful for students as they prepare for environmental careers or graduate/professional school.

Minimum Admission Requirements: Must be completed by the end of spring term preceding fall enrollment.

Berkeley Courses:		
Physical Sciences	Biological Sciences	Social Science
English R1A & English R1B	English R1A & English R1B	English R1A & English R1B
Math 1A & Math 1B	Math 1A & Math 1B or Math 16A & Math 16B	Math 1A & Math 1B or Math 16A & Math 16B
Chemistry 1A & 1AL	Chemistry 1A & 1AL	Chemistry 1A & 1AL
Chemistry 3A & 3AL	Chemistry 3A & 3AL	Chemistry 3A & 3AL or Chemistry 1B
Biology 1A & 1AL and Biology 1B or Biology 11 & 11L	Biology 1A & 1AL and Biology 1B	Biology 1A & 1AL and Biology 1B or Biology 11 & 11L
Physics 7A & Physics 7B		
Check assist.org for the course equivalencies at your community college		

Other helpful courses (if offered): Intro to Environmental Sciences or similar course, micro-economics (macro-economics is not required for the major), Physics 8A or 7A

Admissions Review Process:

- Holistic review: Based on combination of academic and non-academic achievements.
- Includes personal essay, coursework, test scores, interest in the major and field. A thoughtful essay demonstrating a clear interest in the major helps build a stronger application.
- For more about admissions review: <http://admissions.berkeley.edu/selectstudents>

Application Timeline:

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| <ul style="list-style-type: none"> • UC Systemwide Application (November) • UC Berkeley Work in Progress Update (January) | <ul style="list-style-type: none"> • Advisor Review (February) • Decision notification (Late April) |
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Helpful Things to Know:

- IGETC satisfies Reading & Composition, ESPM Social Science Core, and two general breadth courses. IGETC does not satisfy the ESPM Environmental Science Core, Environmental Economics, or minimum requirements listed above.
- The major has 3 areas of concentration that students can choose from. The concentration has no bearing on admission, as long as minimum admissions requirements are met.
- Research experience is strongly encouraged, though not required. Admitted students begin developing their research projects in their second semester.

How to contact an advisor:

Major Advisor: Jenny Miner, envsci.ugrad@berkeley.edu (Appointments are preferred for prospective students) Environmental Sciences Website: <http://nature.berkeley.edu/node/2962>