

Conservation and Resource Studies Major Snapshot

Department of Environmental Science, Policy & Management

The Conservation and Resource Studies (CRS) major is a student-designed interdisciplinary program for students interested in environmental issues and areas of interaction among natural resources, population, energy, technology, societal institutions, and cultural values. Students draw on the course offerings of the entire campus and appropriate community resources in the development of individual programs of study.

The major's orientation is toward flexibility and an individualized educational approach to understanding the structure and dynamic functions of complex environmental systems within our society and biosphere. It encourages interaction among students, faculty, and community. The major's offerings are designed to help each student formulate an area of interest, but are not in any way meant to limit the range of options available. Sample topics include environmental justice and education; sustainable development of world populations; energy and environmental policy; conservation and culture; global environmental politics; and ecological restoration and policy.

ESPM Student Affairs is located in 245 Mulford Hall. Academic Advisor Maire Lanigan and Intake Advisor Emilie Dandan are available to answer most of your questions about the major. Students are encouraged to drop-in for general advising questions. They may also contact advisors by e-mail (mlanigan@nature.berkeley.edu or ebdandan@nature.berkeley.edu) and by telephone at 510-642-7381.

Research Opportunities ♦ College Honors Program ♦ Environmental & Other Careers

Students with a GPA of 3.2 or higher may enroll in the College of Natural Resources Honors Program (H196) once they have reached upper division standing. To fulfill the program requirements, students design, conduct, and report on an individual research project working with a faculty sponsor. For more information, visit http://nature.berkeley.edu/site/honors_form.php.

In addition to the Berkeley campus Undergraduate Research Apprenticeship Program (URAP), CNR students can also apply for the CNR Sponsored Projects for Undergraduate Research (SPUR). Visit http://nature.berkeley.edu/site/research_ops.php for details.

Graduates are well-prepared for careers in fields such as environmental consulting, education, health, or law; community, urban, or regional planning; and other related areas of environmentalism in public agencies, non-profit conservation organizations, and private companies. Graduates are well-qualified for a variety of graduate programs, including law school. The CRS career snapshot is located at <http://nature.berkeley.edu/site/resources.php>.

Getting a Degree

To earn a Bachelor of Science from U.C. Berkeley in Conservation and Resource Studies, students must fulfill unit and GPA requirements, university and campus requirements, college requirements, and major requirements. Please see the major advisor for more details about the major requirements.

Unit and GPA Requirements

In order to graduate, students must complete a total of 120 units, 36 of which must be upper division units. Students must have at least a 2.0 cumulative GPA, and a 2.0 GPA in the courses required for the major.

University and Campus Requirements

- Subject A American History & Institutions
- American Cultures (if taken for a letter grade, this course may overlap with a Social & Behavioral Science course)

College Requirements

- Two courses in Reading & Composition (8 units): R1A and R1B
- 15 upper division units must be completed in the College of Natural Resources (EEP, ES, ESPM, NST, PMB)

Conservation and Resource Studies Major Requirements

120 units

Lower Division Requirements

- ESPM Environmental Science Core: 1 course from ESPM 2, 6, or C10 (L&S C30V)
- ESPM Social Science Core: 1 course from ESPM C11 (L&S C30U), ESPM C12, ESPM 50AC or 60
- Two courses in Reading & Composition (8 units): R1A and R1B (College Requirement)**
- One course in General Biology with lab from the following list:
Biology 1A: Molecular & Cellular Biology, Biology 1B: Plants/Ecology/Evolution, or Biology 11: Introduction to the Science of Living Organisms. NOTE: Biology 1B is recommended.
- One course (3-4 units) in Social & Behavioral Sciences or International Studies chosen from the "Seven Breadth" listing: <http://ls-advise.berkeley.edu/requirements/lsreq.html#7breadth>
- One course (3-4 units) in Physical Sciences chosen from the "Seven Breadth" listing: <http://ls-advise.berkeley.edu/requirements/lsreq.html#7breadth>
- One course (3-4 units) in Arts & Literature, Historical Studies, or Philosophy & Values chosen from the "Seven Breadth" listing: <http://ls-advise.berkeley.edu/requirements/lsreq.html#7breadth>.
- One Calculus or Statistics course: Math 16A, 16B, 1A or 1B; Statistics 2, 20, 25, 131A, or PH 142A.
- ESPM 90: Introduction to the CRS Major. Students design Area of Interest statement and declare the major in this class. This course should be taken spring of sophomore year or fall of junior year.
- Two Preparatory Courses to the Area of Interest (6-8 units), chosen in consultation with advisor after admission to the major. Prerequisites for Area of Interest classes may be applied here.

Upper Division Requirements: 15 upper division units must be completed in the College of Natural Resources (EEP, ES, ESPM, NST, PMB)

- ESPM 100 (Fall) Environmental Problem Solving (4) or ESPM 151 (Spring): Society & Environment (4) Recommended in junior year.
- ESPM 194: Senior Seminar in Conservation & Resource Studies (2). Recommended in the final semester at Berkeley. This requirement may be replaced by ESPM 195 (Senior Thesis) or ESPM H196 (College Honors Research).

Eight student-designed Area of Interest Classes (for a minimum of 24 units)

Sample topics include, but are not limited to, Marine Resource Management; Sustainable Agriculture in the Developing World; Environmental Justice and Education; Wildlife Conservation & Management; Energy and Environmental Policy; Global Environmental Politics; Population & Conservation Policy; Urban Environmental Law; Forest Restoration & Sustainable Management; Public Health & Environmental Pollution; Sustainable Landscape Design; Community Organization for Resource Conservation; Bioethics & Technology; Tropical Conservation & Medical Epidemiology; Urban Environmental Education; Environmental Business.

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Area of Interest Requirements:

(1) Each course must be approved in ESPM 90 as part of the AOI statement. (2) No AOI course may be taken prior to reaching junior status (60 units). (3) Each course must be upper division and taken for a letter grade (unless only offered P/NP). (4) A minimum of 24 units in AOI coursework must be completed. (5) A maximum of two courses may be independent or field studies. (6) A maximum of two courses may be taken through the EAP. (7) At least 6 of the 8 courses must be taken on the Berkeley campus (Forestry Camp courses count as Berkeley courses).