

ENVIRONMENTAL STUDIES

PROFESSOR KAHN*

The **Environmental Studies Program** is an interdisciplinary program of study requiring an understanding of the sciences, social sciences and the humanities, designed to educate students in a broad class of issues related to the environment and humanity's place in the natural world. Students are educated not as experts in any one discipline but to understand how insights from different disciplines complement each other. This is not only a unique academic experience but it also expands the students capacity as citizens, aware of the scientific, ethical, and policy issues they will face in their local communities, their professions and in the broader world community.

The Environmental Studies Program is not a major, and students may not complete both the program and the major in environmental studies in geology. Students interested in the Environmental Studies Program are encouraged to talk to the director of the program early in their academic careers in order to plan a program best structured to their academic needs and career plans. Students identified by the director of the program as having completed the requirements will have a notation placed on their transcripts at graduation.

The program requires completion of the following 25 or 26 credits:

1. *Required courses*: Interdepartmental 110, 397, Philosophy 108
2. *Social Sciences*: one course from each of the following two areas.
 - a. Economics 101, Politics 100
 - b. Economics 297 (when appropriate), Politics 233
3. *Natural and Physical Sciences*: one course from each of the following two areas.
 - a. Biology 101, Geology 100 or 101
 - b. Biology 245, 246, Geology 141, 150
4. *Humanities*: one course chosen from English 380 (when appropriate), Interdepartmental 395, Philosophy 260

Most of these courses fulfill certain general education requirements and may be applicable to the majors in each of the departments.

In addition to the courses in the interdisciplinary program, several other courses on campus address environmental subjects.

Biology 101—Environmental Biology
 Biology 245—General Ecology
 Biology 246—Biological Diversity
 Chemistry 110—Chemistry of The Earth
 Economics 297—Special Topics in Interdisciplinary Economics (when appropriate, such as Environmental Economics or Ecological Economics)
 English 380—Advanced Seminar (when appropriate, such as American Environmental Writing)
 Geology 100—General Geology with Field Emphasis
 Geology 101—General Geology

Geology 135—Meteorology
 Geology 141—Global Climate Change
 Geology 146—Geology of Natural Resources
 Geology 150—Water Resources
 Geology 201—Oceanography
 Geology 397—Seminar (when appropriate)
 Interdepartmental 395—Special Topics In Environmental Ethics
 Interdepartmental 397—Senior Seminar in Environmental Studies
 Philosophy 108—Ethics and the Environment
 Philosophy 260—Philosophy of Nature
 Physics 110—Energy and the Environment
 Politics 233—Environmental Policy

Note that many departments offer special topics courses and that these often have environmental studies themes.