Requirements for the Environmental Studies/Biology Combined Major with a concentration in Agroecology and Sustainable Food Systems

Note: all courses must be taken for a letter grade

This major provides students with the basic tools of biological science and sufficient understanding of resource conservation, conservation biology, and concerns about environmental sustainability. It prepares students for graduate school or a career in the areas of conservation biology, restoration ecology, and other allied interdisciplinary life science fields. Students wishing to enter into specific graduate programs or seeking specific career certifications such as wildlife biologist need to check the requirements of each program and may need to add elements to their curriculum. See a faculty adviser for help.

Environmental studies portion of major:

*❑ ENVS 25 - winter/summer only
*❑ AMS 3 or 6 or MATH 3 or 300+ on MPE or 3+ on AP Calc exam
*❑ AMS 7/L (prereq: AMS 2 or MATH 3 equivalent)
❑ Choose one: SOCY 1, 10, 15, ANTH 2, PHIL 22, 24, 28, 80G

Biology portion of major:

*❑ BIOL 20A (prereqs: CHEM 1A)
❑ BIOE 20B (prereq: BIOL 20A)
*❑ BIOE 20C (no prereq)
*❑ CHEM 1A
❑ CHEM 1B and ❑ CHEM 1C/N
❑ One quarter of Physics (a proposed F'17 change, pending approval): PHYS 1, or
❑ PHYS 6A/L, or PHYS 7A/L (prereq: Calculus)

Advanced Requirements

❑ ENVS 100/L - Winter and Spring qtrs. (prereqs: ENVS 25, BIO 20C, CHEM 1A, MATH 3 or equivalent, AMS 7/L, SOCY/ANTH/PHIL, Writing 2)
❑ ENVS 130A/L (Fall only)
❑ ENVS 130B (Winter only) - fulfills ENVS social science requirement
❑ ENVS 130C or 133
❑ BIOL 105
❑ BIOE 109 (prerequisite BIOL 105)

4 Elective Courses, 1 Lab-based Course

Chem 108A/L or Chem 108B/M can be used for one BIO elective. However, it will not fulfill the lab-based requirement.

❑ BIOL/BIOE ______________________
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Choose one ENVS elective from the following list.

❑ ENVS (108, 129, 131, 143, 146, 161, 162, 163, 165, 166, 168, 169, 170)

Senior Exit: Choose one of the following senior exits in a theme related to agroecology and sustainable food systems:

❑ ENVS 190: Capstone
❑ ENVS 196: Senior Seminar (+admission by application)
❑ ENVS 183A + 183B: Senior Internship - 2 consecutive quarters

(completes) DC