Environmental Studies/Biology Combined Major

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.

12 Introductory Requirements

(Please review prerequisites for each course online)

Environmental Studies portion of major:

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

Biology portion of major:

- ✔ BIOL 20A
- ❑ BIOE 20B
- ✔ BIOE 20C
- ✔ CHEM 1A
- ❑ CHEM 1B
- ❑ CHEM 1C/N
- ❑ PHYS 1 (W only), or PHYS 6A/L

* ❑ qualification courses (required to declare)

G.E.‘s

- ❑ PE-E
- ❑ MF
- ❑ SR

10 Advanced Requirements

- ❑ ENVS 100/L - W/S only
- ❑ PR-E & ½ DC

(prereq: ENVS 25, BIOE 20C, CHEM 1A, AMS 3 or 6 or MATH 3 equivalent, AMS 7/L, SOCY/ANTH/PHIL, Writing 2)

- ❑ BIOL 105
- ❑ BIOE 109 (prereq: BIOL 105)

6 Elective Courses, 1 Lab-based Course and 1 ENVS based in Social Sciences

You may count ENVS 120 or BIOE 165 towards your 6 electives, but NOT BOTH.

ENVS electives are numbered 101-179. NO SUBSTITUTIONS: (e.g. Internships, Independent Studies, EAP, courses outside ENVS)

- ❑ ENVS ________________________________
- ❑ ENVS ________________________________
- ❑ ENVS ______________based in social sciences

(110, 130B, 140, 141, 142, 143, 146, 147, 149, 150, 151, 154, 158, 165, 172, 173, 175, 176)

SENIOR EXIT: Choose one of the following:

- ❑ ENVS 109B: Supercourse
- ❑ ENVS 190: Capstone
- ❑ ENVS 196: Senior Seminar (*admission by application)
- ❑ ENVS 183A + 183B: Senior Internship - 2 qtr commitment
- ❑ One of the approved independent research/field courses in Biology or thesis with Biology. Please check http://undergrad.pbsci.ucsc.edu/eeb/completing-the-major/senior-exit.html.

DC GE Requirement: Successful completion of ENVS 100/L and one of the following courses: ENVS 109B,183B, 190, 195, or 196, or BIOE 109.
(Noe: DC courses must be taken at UCSC)
### Academic Plan

**ENVS/BIOLOGY COMBINED**

<table>
<thead>
<tr>
<th>Acad. Yr.</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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<tbody>
<tr>
<td>2017-2018</td>
<td>MATH 3</td>
<td>ENVS 25</td>
<td>CHEM 1B</td>
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<td>Acad. Yr.</td>
<td>Fall</td>
<td>Winter</td>
<td>Spring - declare major</td>
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<tr>
<td>2018-2019</td>
<td>BIOE 20C</td>
<td>BIOL 20A</td>
<td>ENVS 100/L or next Winter?</td>
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<td>AMS 7/L</td>
<td>ENVS 25 if not before</td>
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<td>2019-2020</td>
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<td>2020-2021</td>
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After filling out the academic plan above and the elective courses on the other side, meet with an ENVS faculty member to discuss.

**Advising Checklist:**

- [ ] Have discussed student’s interests and career goals
- [ ] Prerequisites taken or planned before ENVS 100
- [ ] Electives reflect a focus and your intellectual and career goals
- [ ] Opportunities for internships and independent research have been discussed
- [ ] Discussed senior exit options

_____________________________SID:_____________________

student name - print

__________________________   date:_____   ________________________date:_______

student signature              ENVS faculty signature

Spring 2018