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.

**Introductory Requirements**

**Environmental studies portion of major:**

- ENVS 25 - winter/summer only
- AMS 3 or 6 (previously AMS 2), or MATH 3 or 300+ on MPE or 3+ on AP Calc exam
- AMS 7/L (prereq: AMS 3, 6, MATH 3 or equivalent), AP Stat score of 4 waives
- Choose one: SOCY 1, 10, 15, ANTH 2, PHIL 22, 24, 28, 80G

**Biology portion of major:**

- BIOL 20A (prereqs: CHEM 1A and 1B)
- BIOE 20B (prereq: BIOL 20A)
- BIOE 20C (no prereq)
- CHEM 1A (pre or co-req: Math 3, AMS 3 or 6 or equivalent listed above)
- CHEM 1B
- CHEM 1C/N
- PHYS 1 and PHYS 2
- PHYS 6A/L and PHYS 6B or 6A/L and 6C (prereq: Calculus)

**Advanced Requirements**

- ENVS 100/L - Winter and Spring qtrs. (prereqs: ENVS 25, BIOE 20C, CHEM 1A, AMS 2,3 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

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

**SENIOR EXIT:** Choose one of the following

- ENVS 109B,190,196,195 (thesis-2 qtrs.), or 183A + 183B (senior internship-2 qtrs.)
- One of the approved independent research/field courses in Biology or thesis with Biology. Please check [http://undergrad.pbsci.ucsc.edu/biology/completing-the-major/senior-exit.html](http://undergrad.pbsci.ucsc.edu/biology/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. (Note: DC courses must be taken at UCSC)
**Academic Plan**  
**ENVS/BIOLOGY COMBINED**

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<thead>
<tr>
<th>Acad. Yr.</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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<tbody>
<tr>
<td>2015-2016</td>
<td>Math 3</td>
<td>ENVS 25</td>
<td>Chem 1B</td>
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<tr>
<td>Writing 2 and Anth/Socy/Phil this first year</td>
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<td>Chem 1A</td>
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<th>Acad. Yr.</th>
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<tr>
<td>2016-2017</td>
<td>BIOE 20c</td>
<td>BIOE 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>2017-2018</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:_____
g______________ date:______
student signature

____________________________________ date:______
ENVS faculty signature

2015