### Ecology and Evolutionary Biology

#### Degrees Offered

<table>
<thead>
<tr>
<th>BA Ecology and Evolutionary Biology (Track 1)</th>
<th>BA Ecology and Evolutionary Biology (Track 2)</th>
<th>BS Ecology and Evolutionary Biology</th>
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</thead>
<tbody>
<tr>
<td>Intro Biology sequence (BIOL 101, 102, 103, and 104)</td>
<td>2 term lecture in general Chemistry (CHEM 161, 165 or CHEM 163, 167) with labs (CHEM 134L, 136L)</td>
<td>1 term organic Chemistry CHEM 174 or 175, or CHEM 220 or 221 with lab (CHEM 222L or 223L)</td>
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<tr>
<td>1 term organic Chemistry CHEM 174 or 175, or CHEM 220 or 221 with lab (CHEM 222L or 223L)</td>
<td>2 terms Physics (PHYS 170, 171, or higher)</td>
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<tr>
<td>1 term Mathematics MATH 115 or higher or S&amp;SD 101-106</td>
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<td>5.5 course credits (not incl senior req)</td>
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<tr>
<td>E&amp;EB 220</td>
<td>E&amp;EB 290 and E&amp;EB 295 or BENG 350</td>
<td>BA requirements in either track</td>
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<tr>
<td>E&amp;EB 225 and MCDB 300</td>
<td>E&amp;EB 291L</td>
<td>2 elective courses, one must be lecture, other can be seminar or labs (&gt;200 level)</td>
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<td>1 course from E&amp;EB 246-272, with lab</td>
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<td>1 term independent study (E&amp;EB 470) or Senior Essay</td>
<td>2 terms original research (E&amp;EB 475-476, 495-496)</td>
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#### Prerequisites for entering the major

- Intro Biology sequence (BIOL 101, 102, 103, and 104)
- 2 term lecture in general Chemistry (CHEM 161, 165 or CHEM 163, 167) with labs (CHEM 134L, 136L)
- 1 term organic Chemistry CHEM 174 or 175, or CHEM 220 or 221 with lab (CHEM 222L or 223L)
- 2 terms Physics (PHYS 170, 171, or higher)

#### Requirements for each degree

- 3.5 course credits (not incl senior req)
- 3.5 course credits (not incl senior req)
- 5.5 course credits (not incl senior req)

#### Senior Requirements

- E&EB 220
- E&EB 225
- 1 course from E&EB 246-272, with lab
- E&EB 290 and E&EB 295 or BENG 350
- E&EB 291L
- 1 term independent study (E&EB 470) or Senior Essay
- 2 terms original research (E&EB 475-476, 495-496)

#### Substitutions

- Intro Biology sequence (BIOL 101, 102, 103, and 104)
- 2 term lecture in general Chemistry (CHEM 161, 165 or CHEM 163, 167) with labs (CHEM 134L, 136L)
- 1 term organic Chemistry CHEM 174 or 175, or CHEM 220 or 221 with lab (CHEM 222L or 223L)
- 2 terms Physics (PHYS 170, 171, or higher)

Courses from other departments may also be suitable as electives. All substitutions require permission of the DUS. Two upper-level courses in G&G (excluding paleobiology courses), MATH, CPSC, or ENAS for organic chem and lab. Second term of organic chem and lab and up to two terms of physics labs allowed as electives.

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