# E&EB Major Worksheet

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester</th>
<th>Grade</th>
<th>Place Out</th>
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</thead>
<tbody>
<tr>
<td><strong>Biology Introductory Courses</strong></td>
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<tr>
<td>BIOL 101 Biochemistry &amp; Biophysics</td>
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<tr>
<td>BIOL 102 Principles of Cell Biology &amp; Membrane Physiology</td>
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<td>BIOL 103 Genes &amp; Development</td>
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<td>BIOL 104 Principles of Ecology &amp; Evolutionary Biology</td>
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<tr>
<td><strong>2 Terms of General Chemistry</strong></td>
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<tr>
<td>CHEM 161, 165; or CHEM 163, 167</td>
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<tr>
<td><strong>2 Terms of General Chemistry Labs</strong></td>
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<tr>
<td>CHEM 134L</td>
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<td>CHEM 136L</td>
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<tr>
<td><strong>1 Term of Organic Chemistry</strong></td>
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<tr>
<td>CHEM 174, 175; or CHEM 220, 221</td>
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<tr>
<td><strong>1 Term of Organic Chemistry Lab</strong></td>
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<tr>
<td>CHEM 222L</td>
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<tr>
<td><strong>2 Terms of Physics</strong></td>
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<tr>
<td>PHYS 170 (or higher)</td>
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<tr>
<td>PHYS 171 (or higher)</td>
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<tr>
<td><strong>1 Term of Math or Statistics &amp; Data Science</strong></td>
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<tr>
<td>MATH 115, 116 or S&amp;DS 100 or 230</td>
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<tr>
<td><strong>2 Terms of Math or Geology</strong></td>
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<tr>
<td>May be taken in lieu of the organic chemistry requirement, at the discretion of the DUS, not include MATH 190, GEO or Paleobiology courses at 100-level offerings.</td>
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## Required Core Courses: Track I

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester</th>
<th>Grade</th>
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<tbody>
<tr>
<td>General Ecology</td>
<td>E&amp;EB 220</td>
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<tr>
<td>Evolutionary Biology</td>
<td>E&amp;EB 225</td>
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<tr>
<td>Organismal Diversity Course</td>
<td>E&amp;EB 2xx -OR- 3xx</td>
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<tr>
<td>Organismal Diversity Lab</td>
<td>E&amp;EB 2xxL -OR- 3xxL</td>
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<tr>
<td>Independent Research for Underclassman (Pass/Fail) Optional, but recommended</td>
<td>Course</td>
<td>Semester</td>
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<tr>
<td>Tutorial</td>
<td>E&amp;EB 469</td>
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<tr>
<td>Research</td>
<td>E&amp;EB 474</td>
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## B.A. Senior Requirement - Choose one: Must be taken in senior year

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester</th>
<th>Grade</th>
<th>Advisor</th>
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<tbody>
<tr>
<td>Senior Tutorial (1 credit)</td>
<td>E&amp;EB 470</td>
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<tr>
<td>Senior Essay (no credit)</td>
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### NOTES: