# 2014-15 Degree Plan

## Biology, BS

College of Arts & Sciences: Department of Biology (4 Year Plan)

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Hours Towards Degree: 16</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ENGL 110: Accelerated Composition or ENGL 111: Composition I and ENGL 112: Composition II or ENGL 113: Enhanced Composition</td>
<td>3</td>
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<td>Freshman Academic Choice</td>
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<td>MATH 150: Pre-Calculus Mathematics</td>
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<tr>
<td>CHEM 121: General Chemistry I (SWC)</td>
<td>3</td>
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<tr>
<td>CHEM 123L: General Chemistry I Laboratory (SWC)</td>
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<tr>
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<th>Term 2</th>
<th>Hours Towards Degree: 33</th>
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<tr>
<td>BIOL 201L: Molecular and Cell Biology (sub cat 1)</td>
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<td>MATH 162 is a 4 credit hour class</td>
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<td>CHEM 122: General Chemistry II (SWC)</td>
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<td>CHEM 124L: General Chemistry II Laboratory (SWC)</td>
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<td>MATH 180: Elements of Calculus I or MATH 162: Calculus I (SWC)</td>
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<td>ENGL 120: Composition III</td>
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<tbody>
<tr>
<td>BIOL 202L: Genetics (sub-cat 1)</td>
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<td>CHEM 303L: Organic Chemistry Laboratory (SWC)</td>
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<td>CJ 130 or PHIL 156 or ENGL 219 or 220</td>
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<td>BIOL 203: Ecology and Evolution</td>
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<td>BIOL 203L: Ecology and Evolution</td>
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<td>PHYC 151: General Physics or PHYC 160: General Physics (SWC)</td>
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<td>If PHYC 151 is taken PHYC 152 has to be taken. If PHYC 160 is taken PHYC 161 has to be taken.</td>
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<td>Term</td>
<td>Hours Towards Degree:</td>
<td>Hours</td>
<td>Minimum Grade</td>
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<td>BIOL 204: Plant and Animal Form and Function</td>
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<td>BIOL 204L: Plant and Animal Form and Function</td>
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<td>BIOC 423: Introductory Biochemistry (sub-cat 4) (See Biology Dept. for Rules)</td>
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<td>PHYC 152: General Physics or PHYC 161: General Physics (SWC)</td>
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<td>BIOL 3** or BIOL 4** (sub-cat 2)</td>
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<td>BIOL that is 3 or 4 credit hours with laboratory</td>
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<td>BIOL 3** or BIOL 4** (sub-cat 2)</td>
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<td>BIOL that is 3 or 4 credit hours with laboratory</td>
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<td>Second Language</td>
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<td><strong>Term Hours:</strong></td>
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<td>Upper Division Biology Elective or Honors (sub-cat III)</td>
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<td>See Biology Dept. for Rules</td>
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<td>Humanities</td>
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<td>2nd Major or Upper Division Elective</td>
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</table>

**Crucial course:** ☀️ (A crucial course is a predictor for success in obtaining this degree. It should be taken in the term indicated in order to ensure timely progress to graduation.)

**Degree Plan Notes**
- Keep in mind that minimum grades on road map are for individual coursework only. Students must maintain a minimum of a 2.0 cumulative grade point average for admission to and graduation from the College of Arts and Sciences. Minimums listed for the individual courses do NOT meet the cumulative minimum.
- Eventhough any minor accepted by A&S can be paired with a Biology degree, the most efficient route is to declare a Chemistry minor. Please see an advisor for details.
- SWC = Supportive coursework. These courses are required by the major but can be used for other component requirements.
<table>
<thead>
<tr>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 130: Public Speaking</td>
</tr>
<tr>
<td>ENGL 219: Tech &amp; Professional Writing</td>
</tr>
<tr>
<td>ENGL 220: Expository Writing</td>
</tr>
<tr>
<td>PHIL 156: Reasoning &amp; Critical Thinking</td>
</tr>
</tbody>
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