## FOUR-YEAR PLAN

### SAMPLE BIOCHEMISTRY FOUR-YEAR PLAN

<table>
<thead>
<tr>
<th>Freshman</th>
<th></th>
<th></th>
<th>Spring</th>
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<tr>
<td>Fall</td>
<td>Credits</td>
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<tr>
<td>CHEM 103 or 109</td>
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<td>CHEM 104 (if needed)</td>
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<td>Humanities Course</td>
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<tr>
<td>INTER-AG 155 or BIOCHEM 100&lt;br&gt;Interdisciplinary Course</td>
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<td><strong>Total Credits</strong></td>
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<td>CHEM 343</td>
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<td>CHEM 344</td>
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<td>ZOOLOGY/BIOLOGY/BOTANY 151 (or BIOCORE 381 &amp; BIOCORE 382)</td>
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<tr>
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<td>ZOOLOGY/BIOLOGY/BOTANY 152 (or BIOCORE 383 &amp; BIOCORE 384)</td>
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<tr>
<td>BIOCHEM 507&lt;br&gt;Upper-Level Biology for major (or BIOCORE 485 &amp; BIOCORE 487 if needed)</td>
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<td>BIOCHEM 508</td>
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<td>PHYSICS 207 or 201</td>
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<td>Upper-Level Biology for major (or BIOCORE 587)</td>
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<td>Credits</td>
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<tr>
<td>CHEM 565 or BIOCHEM 551</td>
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<td>BIOCHEM 551 or CHEM 565</td>
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<td>BIOCHEM 691 or 681 (if needed)&lt;br&gt;Upper-Level Biology for major (or BIOCORE 485 &amp; BIOCORE 487 if needed)</td>
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<td>BIOCHEM 692 or 682 (if needed)</td>
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<td><strong>Total Credits</strong></td>
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1. First-year students interested in exploring the major can enroll in INTER-AG 155 or BIOCHEM 100.
2. BIOCORE sequence requires four lecture courses plus two lab courses. Student may also take ZOOLOGY/BIOLOGY/BOTANY 151 and ZOOLOGY/BIOLOGY/BOTANY 152 plus 6 credits of upper-level Biology instead of BIOCORE.
3. Students must take either: (1) both BIOCHEM 507 and BIOCHEM 508 or (2) BIOCHEM 501 and one additional course in Biochemistry from the 500/600-level electives.
4. Senior Thesis, independent study or work experience in laboratory are recommended, but are not required. However, a Senior Honors Thesis is required to earn Honors in the Major.