### Catalog Year 2011-12

**Suggested Schedule for B.S.E.D. Secondary Education with Comprehensive Subject Major in Biology (57 hrs)**

<table>
<thead>
<tr>
<th>Fall Year 1</th>
<th>Spring Year 1</th>
<th>Summer Year 1</th>
<th>Fall Year 2</th>
<th>Spring Year 2</th>
<th>Summer Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio 111 (4)</td>
<td>Bio 112 (4)</td>
<td>Chem 115 (4)</td>
<td>Bio 208 (3)</td>
<td>Bio 224 or Bio 225 (3)</td>
<td>GS 301 (2)</td>
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<tr>
<td>Chem 115 (4)</td>
<td>Phys 110 (4)</td>
<td></td>
<td>Bio 243 (4)</td>
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<tr>
<td>FYS 101 (1)</td>
<td>Remaining hrs: (6-8)</td>
<td></td>
<td>and/or</td>
<td>Remaining hrs: (13-15)</td>
<td></td>
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<tr>
<td>EDUC 101 (1)</td>
<td>Sec ed requirements</td>
<td></td>
<td>Bio 345 (3)</td>
<td>Sec ed requirements</td>
<td></td>
</tr>
<tr>
<td>Remaining hours: (6-8)</td>
<td>See ed requirements</td>
<td></td>
<td>Remaining hrs: (8-11)</td>
<td>Comp Bio subj electives</td>
<td></td>
</tr>
<tr>
<td>Gen Ed Reqs</td>
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<table>
<thead>
<tr>
<th>Fall Year 2</th>
<th>Spring Year 2</th>
<th>Summer Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio 208 (3)</td>
<td>Bio 224 or Bio 225 (3)</td>
<td>GS 301 (2)</td>
</tr>
<tr>
<td>Bio 243 (4)</td>
<td></td>
<td></td>
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<tr>
<td>and/or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bio 345 (3)</td>
<td>Remaining hrs: (13-15)</td>
<td></td>
</tr>
<tr>
<td>Remaining hrs: (8-11)</td>
<td>Sec ed requirements</td>
<td></td>
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<td>Comp Bio subj electives</td>
<td>Gen Ed Reqs</td>
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</tbody>
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**Bio Comprehensive Subject Endorsement**

- Bio 111
- Geog 281
- Phys 110
- Bio 111
- Bio 112
- Bio 208
- Bio 224
- Bio 225
- Bio 243 (or Bio 343 and Bio 344)**
- Bio 317
- Bio 345
- Bio 351
- Bio 399 (3 hrs minimum)

**10 hours** of program electives are required from:

- Bio 271 3 cr hr
- Bio 319 3 cr hr
- Bio 362 3 cr hr
- Bio 363 3 cr hr
- Bio 371 3 cr hr
- Bio 380 3 cr hr
- Chem 345 4 cr hr

**Note:** students may elect to take Bio 343 (4 cr hr) and Bio 344 (4 cr hr) in place of Bio 243 (4 cr hr); if they do so, they may apply the extra 4 hr course to their 10 hrs electives.

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**Gen Ed Reqs not met by B.S. Sec Ed**

- History (3)
- Oral Communication (3)
- Composition (Eng 102) (3)
- Literature (Eng 201) (3)
- Fine Arts (6)
- Biblical Literacy (6) (from Rel101,121 & 131)
- Theo 210 (3)
- Global/Multicult. Study (3)
- SocSci (3)
- Health & Hum. Perf. (2)
- **Supplemental Gen Ed Reqs**
  - One additional Global Multicultural (GMC) course
  - Service Learning (SL) crs
  - Writing Intensive (WI) crs
  - FinL 100 and FinL 400 (these are online courses in financial literacy)

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Completing the above requirements will meet the requirements for a Biology Comprehensive Subject Endorsement under the 2011-12 catalog.