### Biology with chemistry minor

2010 Catalog (BS –401.20/411.00)

College of Science Undergraduate Advising Center

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

**Note:** In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

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#### KEY:
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisite.
- Courses taught specific semesters are indicated with the following codes:
  - F-Fall
  - S-Spring
  - S1-Summer Session I
  - S2-Summer Session II

Required W1 courses: BIO 4416

Additional W1 courses: BIO 3308, 3370, 3422, 3442, 3460, 4420, 4423, 4426, 4441, 4445, 4445, 4447, 4454, 4464, 4470, 4472

Core courses must be completed:
- US 1100
- COMM 1310
- PFW
- ART/DAN/MU/TH 2313
- PFW
- PHIL 1305 or 1320
- ENG 1310
- ENG 1320
- HIST 1310
- HIST 1320
- POSI 2310
- POSI 2320
- ENG 2310-2360
- ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCl 1310

ENG 1310 recommend for first semester. HIST 1310/1320 not recommended for first semester.

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<table>
<thead>
<tr>
<th>Freshman Fall Semester</th>
<th>Freshman Spring Semester</th>
<th>Sophomore Fall Semester</th>
<th>Sophomore Spring Semester</th>
<th>Junior Fall Semester</th>
<th>Junior Spring Semester</th>
<th>Senior Fall Semester</th>
<th>Senior Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 hours of core courses.</td>
<td>7 hours of core courses.</td>
<td>3 hours of core courses.</td>
<td>6 hours of core courses.</td>
<td>3 hours of core courses.</td>
<td>6 hours of core courses.</td>
<td>2 hours of electives (may be different if minor is not chemistry)</td>
<td>3 advanced hours of electives (may be different if minor is not chemistry)</td>
</tr>
<tr>
<td>BIO 1430 (F,S)</td>
<td>BIO 1431 (F,S)</td>
<td>BIO 2450 (F,S)</td>
<td>MATH 2321 (F,S,S1)</td>
<td>MATH 2331 (F,S,S2)</td>
<td>PHYS 1410 (F,S,S1)</td>
<td>PHYS 1420 (F,S,S2)</td>
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<tr>
<td>CHEM 1341 (F,S,S1)</td>
<td>CHEM 1342 (F,S,S2)</td>
<td>CHEM 3410 (F,S,S1)</td>
<td>CHEM 2341 (F,S,S1)</td>
<td>CHEM 2342 (F,S,S2)</td>
<td>BIO 4416 (F,S,S2)</td>
<td>BIO 4416 (F,S,S2)</td>
<td>BIO 4301</td>
</tr>
<tr>
<td>16 hours</td>
<td>15 hours</td>
<td>14 hours</td>
<td>17 hours</td>
<td>15 hours</td>
<td>14 hours</td>
<td>14-15 hours</td>
<td>14-15 hours</td>
</tr>
</tbody>
</table>

15 hours advanced biology electives, chosen in consultation with an academic advisor. BIO 4299 requires faculty and departmental approval to count towards advanced electives and must be taken twice.

DO NOT COUNT: BIO 3351, 4305, 4402, 4403, 4408

Check course prerequisites.