BS – Biochemistry with a minor in biology (PRE-MED)

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

**Core courses must be completed:**
- US 1100
- PHIL 1320
- ART/DAN/MU/TH 2313
- ENG 1310
- ENG 1320
- HIST 1310
- HIST 1320
- POSI 2310
- POSI 2320

US 1100 & ENG 1310 recommended 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><strong>CHEM 1341</strong> (F,S,Su) &amp; CHEM 1141 (F,S,Su)</td>
<td><strong>CHEM 2341</strong> (F,S,Su) &amp; CHEM 2141 (F,S,Su)</td>
<td><strong>CHEM 2342</strong> (F,S,Su) &amp; CHEM 2142 (F,S,Su)</td>
<td><strong>CHEM 3375 (F)</strong> Principles of Biochemistry</td>
<td><strong>CHEM 3380 (S)</strong> Analytical Biochemistry</td>
<td><strong>CHEM 3381 (S)</strong> Biochemistry Techniques</td>
<td><strong>CHEM 4481 (F)</strong> Advanced Biochem Lab I</td>
<td><strong>CHEM 4382 (S)</strong> Advanced Biochem Research</td>
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</table>

**NOTE:** Students in the pre-med concentration must complete BIO 3421, MATH 2328 or MATH 3305, PHIL 1320 and PSY 1300.

**Extra advanced hours may be required. See advisor.**

**FOR BIOLOGY MINOR ONLY:** 6 hours advanced biology electives, chosen in consultation with an academic advisor.

**Check for additional prerequisites.**
**DO NOT COUNT:** BIO 3351, 4305, 4402, 4403, 4408

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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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**Required WI courses:** CHEM 3381, 4481, 4382