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.

**BS – Biology: Life Science Teacher Certification (SC-BS/BIO/SCED/TLS)**

**KEY:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate corequisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught specific semesters are indicated with the following codes:
  - F: Fall
  - S: Summer
  - Su: Summer Session I or II
  - Spring
- Required WI courses: BIO 4416, ENG 3303
- Additional WI courses: BIO 3308, 4420, 4446, 4454

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

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

<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>BIO 1330 (F,S)</strong> &amp; <strong>BIO 1130 (F,S)</strong></td>
<td><strong>BIO 1331 (F,S)</strong> &amp; <strong>BIO 1131 (F,S)</strong></td>
<td><strong>PHYS 1315 (F,S,Su)</strong> &amp; <strong>PHYS 1115 (F,S,Su)</strong></td>
<td><strong>PHYS 1325 (F,S,Su)</strong> &amp; <strong>PHYS 1125 (F,S,Su)</strong></td>
<td><strong>ENG 3303 Technical Writing</strong></td>
<td><strong>BIO 4408 (S)</strong> Science Processes &amp; Research or <strong>BIO 4305 (F)</strong> Nature Study</td>
<td><strong>EDST 4681 Student Teaching</strong></td>
<td></td>
</tr>
<tr>
<td>Biology &amp; Organizational Biology</td>
<td>General Physics I</td>
<td>General Physics II</td>
<td>4 hours from: <strong>BIO 2400 (F,S)</strong> Microbiology <strong>BIO 2411 (S)</strong> Zoology</td>
<td><strong>CI 4332 Secondary Teaching: Curriculum and Technology</strong> - 2.75+ overall GPA - Junior or senior status</td>
<td><strong>Two from:</strong> <strong>BIO 3308</strong> <strong>BIO 3406</strong> <strong>BIO 4410</strong> <strong>BIO 4420</strong> <strong>BIO 4421</strong> <strong>BIO 4422</strong> <strong>BIO 4425</strong> <strong>BIO 4434</strong> <strong>BIO 4446</strong> <strong>BIO 4454</strong> <strong>BIO 4465</strong></td>
<td>Check prerequisites</td>
<td></td>
</tr>
<tr>
<td><strong>CHEM 1341 (F,S,Su)</strong> &amp; <strong>CHEM 1141 (F,S,Su)</strong></td>
<td><strong>CHEM 1342 (F,S,Su)</strong> &amp; <strong>CHEM 1142 (F,S,Su)</strong></td>
<td><strong>MATH 2321 (F,S,Su) &amp; MATH 2328 (F,S,Su)</strong> or <strong>MATH 2471 (F,S,Su) &amp; MATH 2472 (F,S,Su)</strong> or <strong>MATH 2321 (F,S,Su) &amp; MATH 2331 (F,S,Su)</strong></td>
<td><em>See advisor for guidance.</em></td>
<td><strong>BIO 24416 (F,S)</strong> General Ecology</td>
<td><strong>BIO 4301 (F,S)</strong> Evolution</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Chemistry I</td>
<td>Organic Chemistry I</td>
<td>Genetics</td>
<td><strong>BIO 2410 (F)</strong> Botany</td>
<td><strong>CI 3325 Adolescent Growth &amp; Development</strong> - 2.75+ overall GPA - Junior or senior status</td>
<td><strong>Block experience:</strong> <strong>RDG 3323 CI 4343 CI 4370</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CHEM 1341 (F,S,Su)</strong></td>
<td><strong>CHEM 1342 (F,S,Su)</strong></td>
<td><strong>CHEM 2341 (F,S,Su) &amp; CHEM 2141 (F,S,Su)</strong></td>
<td><strong>CHEM 2342 (F,S,Su) &amp; CHEM 2142 (F,S,Su)</strong></td>
<td><strong>CI 4332 Secondary Teaching: Curriculum and Technology</strong> - 2.75+ overall GPA - Junior or senior status</td>
<td><strong>Required:</strong> admission into Teaching Program - CI 4332 and CI 3325 with a C or higher - 2.75+ overall GPA - application and approval to the block experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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