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

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.

**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
  - S: Spring
  - Su: Summer Session I or II

Required WI courses: BIO 4416, ENG 3303
Additional WI courses: BIO 4420, 4426, 4454

Core courses must be completed:
- _US_ 1100
- _ENG_ 1310
- _HIST_ 1310
- _PHIL_ 1305 or 1320
- _ENG_ 2310-2360
- _HIST_ 1320
- _ART/DAN/MU/TH_ 2313
- _POSI_ 2310
- _POSI_ 2320
- _PFW
- _ANTH_ 1312/ECO 2301/ECO 2314/
  GEO 1310/PSY 1300/SOC 1310

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</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
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<tbody>
<tr>
<td>Fall</td>
<td>Spring</td>
<td>Fall</td>
<td>Spring</td>
</tr>
<tr>
<td>BIO 1330 (F,S)</td>
<td>BIO 1331 (F,S)</td>
<td>PHYS 1315 (F,S,Su)</td>
<td>PHYS 2400 (F,S)</td>
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<td>BIO 1130 (F,S)</td>
<td>BIO 1131 (F,S)</td>
<td>PHYS 1115 (F,S,Su)</td>
<td>BIO 2410 (F)</td>
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<tr>
<td>CHEM 1341 (F,S,Su)</td>
<td>CHEM 1342 (F,S,Su)</td>
<td>PHYS 1225 (F,S,Su)</td>
<td>ENG 3303</td>
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<tr>
<td>CHEM 1141 (F,S,Su)</td>
<td>CHEM 1142 (F,S,Su)</td>
<td>PHYS 1125 (F,S,Su)</td>
<td>BIO 4408 (S) or BIO 4305 (F)</td>
</tr>
</tbody>
</table>

Choose one set:
- MATH 2321 (F,S,Su) & MATH 2328 (F,S,Su) or MATH 2471 (F,S,Su) & MATH 2472 (F,S,Su) or MATH 2321 (F,S,Su) & MATH 2331 (F,S,Su)

*See advisor for guidance.*

BIO 2450 (F,S) or BIO 2400 or BIO 2411 (S)

BIO 2450 (F,S) or BIO 2400 or BIO 2411 (S)

BIO 4416 (F,S) or BIO 4408 (S) or BIO 4305 (F) (see advisor)

CI 4370

CI 4343

RDG 3323

EDST 4681

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**2013 Catalog year: College of Science and Engineering**