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.

BS – Chemistry w/ a minor in Biology (PRE-DENT)  (SC-BS/CHEM/BIO)  2018 Catalog year: College of Science and Engineering

Freshman Fall semester
- BIO 1330 (F,S) Functional Biology
  & BIO 1130 (F,S)
- BIO 1331 (F,S) Organizational Biology
  & BIO 1131 (F,S)

Freshman Spring semester
- PHYS 1430 (F,S) Mechanics
- PHYS 2425 (F,S) Electricity & Magnetism
- MATH 2471 (F,S,Su) Calculus I

Sophomore Fall semester
- CHEM 1341 (F,S,Su) General Chemistry I
  & CHEM 1141 (F,S,Su)
- CHEM 1342 (F,S,Su) General Chemistry II
  & CHEM 1142 (F,S,Su)

Sophomore Spring semester
- BIO 2400 (F,S) Microbiology
- BIO 2450 (F,S) Genetics

Junior Fall semester
- CHEM 2341 (F,S,Su) Organic Chemistry I
  & CHEM 2141 (F,S,Su)
- CHEM 2342 (F,S,Su) Organic Chemistry II
  & CHEM 2142 (F,S,Su)

Junior Spring semester
- BIO 3330 (F) Physical Chemistry I
- CHEM 3340 (S) Physical Chemistry II

Senior Fall semester
- CHEM 3410 (F,S,Su) Quantitative Analysis
- CHEM 3245 (S) Physical Chemistry Lab

Senior Spring semester
- CHEM 4331 (F) Instrumental Analysis
- CHEM 4241 (S) Advanced Lab II
- CHEM 4375 (F,S,Su) Biochemistry
- CHEM 3341 (F) Descriptive Inorganic Chemistry
- CHEM 4341 (S) Advanced Inorganic Chemistry

Core courses must be completed:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>US 1100</td>
<td>intermittently offered course</td>
</tr>
<tr>
<td>COMM 1310</td>
<td>Mathematics for Economists 2000</td>
</tr>
<tr>
<td>PHIL 1320</td>
<td>Philosophy 1320</td>
</tr>
<tr>
<td>ENG 1310</td>
<td>English Composition I 1310</td>
</tr>
<tr>
<td>ENG 1320</td>
<td>English Composition II 1320</td>
</tr>
<tr>
<td>ENG 2310-2360</td>
<td>English Composition III 2310-2360</td>
</tr>
<tr>
<td>HIST 1310</td>
<td>History of the United States 1310</td>
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<tr>
<td>HIST 1320</td>
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</tr>
<tr>
<td>POSI 2310</td>
<td>Political Science 2310</td>
</tr>
<tr>
<td>POSI 2320</td>
<td>Political Science 2320</td>
</tr>
<tr>
<td>PSY 1300</td>
<td>Psychology 1300</td>
</tr>
</tbody>
</table>

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

For Biology minor only:

- 6 hours advanced biology electives, chosen in consultation with an academic advisor.

Check for additional 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  Required WI courses: CHEM 3245, 4231, 4241