## Chemistry - Fermentation Science
### Bachelor of Science
### Stephen F. Austin State University

### Fall Semester

<table>
<thead>
<tr>
<th>SFA Course Number (Beginning Fall 2020)</th>
<th>SFA Course Number (Prior to Fall 2020)</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1311/1111 (1411*)</td>
<td>CHE 133</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1305/1105 (1405*)</td>
<td>BIO 130</td>
<td>General Biology I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1301</td>
<td>ENG 131</td>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1301</td>
<td>HIS 133</td>
<td>U.S. History</td>
<td>3</td>
</tr>
</tbody>
</table>

### Core Options

- Core Options 1
- ARTS/MUSI/DRAM/DANC

### Spring Semester

<table>
<thead>
<tr>
<th>SFA Course Number (Beginning Fall 2020)</th>
<th>SFA Course Number (Prior to Fall 2020)</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1312/1112 (1412*)</td>
<td>CHE 134</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1307/1107 (1407*)</td>
<td>BIO 125</td>
<td>General Biology II</td>
<td>4</td>
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<tr>
<td>ENGL 1302</td>
<td>ENG 132</td>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1302</td>
<td>HIS 134</td>
<td>U.S. History</td>
<td>3</td>
</tr>
</tbody>
</table>

### Core Options

- Core Options 1
- GOVT 2305

### Freshman Year

**Hours** 17

### Sophomore Year

**Hours** 15

### Junior Year

**Hours** 16

### Senior Year

**Hours** 13

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* Community college general academic course equivalency

See your SFA advisor for other course options.

1. Core options include ARTS 1301; MUSI 1306; DRAM 1310; MUSI 1307; DANC 2303
2. Core options include ENGL 2322-2323; HIST 2311-2312; PHIL 1301, 2306
3. Core options include ANTH 2301, 2351; ECON 2301,2302; GEOG 1301, 1303 PSYC 2301; SOC1 1301
4. Core options include SPCH 1315,1318, 2333
5. Requires ACCT 1301, MKTG 3352; MGMT 3383, 4344; BLAW 3335
6. Requires CHEF 1205; RSTO 1301, 4207/4107, 4331; HAMG 2337
7. Computer Science Options include COSC 1301, CSCI 1303, BCIS 1305

Note: Students will be required to repeat pre-requisite courses when the grade is below a C. A minimum of 42 semester hours of work must be completed at SFA, of which at least 36 hours must be advanced. A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor’s degree. Contact your SFA advisor for alternative courses to the core courses listed.