BACHELOR OF SCIENCE (B.S.)
MAJOR IN BIOCHEMISTRY

Minimum required: 120 semester credit hours

General Requirements
1. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
2. Majors must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
3. Majors must select a minor from the approved list of Undergraduate Minors (http://www.mycatalog.txstate.edu/undergraduate/minors). The recommended minor is Biology. Minor and electives should be chosen in consultation with the academic advisor.
4. The minimum number of hours required for this degree program is 120. The number of elective hours a student will complete depends on the number of hours a student may need to achieve the required 120 total or 36 advanced hours.
5. Nine semester credit hours must be writing intensive (WI).
6. If two years of the same foreign language were taken in high school, then no additional language hours will be required. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.

Course Requirements

<table>
<thead>
<tr>
<th>Freshman</th>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHEM 1141</td>
<td>1</td>
<td>CHEM 1142</td>
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<tr>
<td>CHEM 1341 (Life &amp; Physical Sciences Component Code 030)</td>
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<td>CHEM 1342 (Life &amp; Physical Sciences Component Code 030)</td>
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<td>BIO 1130</td>
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<td>US 1100</td>
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<td>ENG 1310 (Communication Component Code 010)</td>
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<td>ENG 1320 (Communication Component Code 010)</td>
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<tr>
<td>PHIL 1305 or 1320 (Language, Philosophy &amp; Culture Component Code 040)</td>
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<table>
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<tr>
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<th>First Semester</th>
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<td>CHEM 3380</td>
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<td>CHEM 3390</td>
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<td>CHEM 3381</td>
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<td>BIO 2400</td>
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<tr>
<td>POSI 2310 (Government/Political Science Component Code 070)</td>
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<td>Social &amp; Behavioral Sciences Component Code 080</td>
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<table>
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<td>CHEM 4360</td>
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<td>CHEM 4385</td>
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<td>CHEM 4481</td>
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<td>CHEM 4382</td>
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<tr>
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<td>ART 2313, DAN 2313, MU 2313, or TH 2313 (Creative Arts Component Code 050)</td>
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<tr>
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<td>Advanced Elective</td>
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Total Hours: 120