### Bachelor of Science (BS), Major in Biology
**Teacher Certification in Life Sciences, Grades 7-12**
Minimum required: 125 semester hours

<table>
<thead>
<tr>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>ENGL 1301 (ENG 1310)</td>
<td>3</td>
<td>PHIL 1301 or 2306 (PHIL 1305 or 1320)</td>
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<tr>
<td>3</td>
<td>ENGL 1302 (ENG 1320)</td>
<td>4</td>
<td>BIOL 1306/1106 (BIO 1330/1130)</td>
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<tr>
<td>3</td>
<td>HIST 1301 (HIST 1310)</td>
<td>4</td>
<td>BIOL 1307/1107 (BIO 1331/1131)</td>
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<tr>
<td>3</td>
<td>HIST 1302 (HIST 1320)</td>
<td>4</td>
<td>CHEM 1311, 1111 (CHEM 1341, 1141)</td>
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<tr>
<td>3</td>
<td>GOVT 2306 (POSI 2310)</td>
<td>4</td>
<td>CHEM 1312, 1112 (CHEM 1342, 1142)</td>
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<tr>
<td>3</td>
<td>GOVT 2305 (POSI 2320)</td>
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<td>CHEM 2323, 2123 (CHEM 2341, 2141)</td>
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<tr>
<td>3</td>
<td>SPCH 1311 or 1321 (COMM 1310)</td>
<td>4</td>
<td>CHEM 2325, 2125 (CHEM 2342, 2142)</td>
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<tr>
<td>3</td>
<td>HUMA 1315 (Creative Arts component)</td>
<td>4</td>
<td>PHYS 1301/1101 (PHYS 1315/1115)</td>
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<tr>
<td>3</td>
<td>Social Science Component¹</td>
<td>4</td>
<td>PHYS 1302/1102 (PHYS 1325/1125)</td>
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<tr>
<td>3</td>
<td>ENGL Literature²</td>
<td></td>
<td>Total</td>
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</table>

¹ Select one course from the Social and Behavioral Sciences component area (080) of the Core Curriculum list.
² Select one ENGL course from the Language, Philosophy, and Culture component area (040) of the Core Curriculum list.

**NOTES:**
1. *Italicized* courses satisfy the Texas State Core Curriculum requirements. Courses in (parentheses) indicate the course transfer equivalents at Texas State.
2. If two years of the same foreign language were completed in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.
3. Texas State will apply to a degree up to 66 hours from an accredited community college (6-8 hours may be added with college dean approval).
4. Students should consult an academic advisor when determining order of courses.
5. Upon completion of certain course requirements at Texas State, students may elect to send these hours back to the two-year college to be applied toward an associate’s degree. This is commonly referred to as “reverse transfer.”
6. The most updated program requirements to the Texas State Undergraduate Catalog are available online at [http://www.txstate.edu/curriculumservices/catalogs/undergraduate/catalogs/2014-16.html](http://www.txstate.edu/curriculumservices/catalogs/undergraduate/catalogs/2014-16.html)
UNIVERSITY ADMISSION:

1. Submit completed Texas Common Application, $75 application fee, and all credentials to the Undergraduate Admissions Office by the stated admission deadline (Fall-July 15, Spring-November 15, Summer I-May 1, Summer II-June 15).

2. Submit an official transcript from each institution attended to the Undergraduate Admissions Office.

3. A minimum 2.25 grade point average (GPA) in all transferable courses is required.

Students transferring directly to Texas State University from a two-year college may elect to follow the Texas State catalog in effect at the time they entered the two-year college, or any subsequent catalog upon approval of the Dean of their College. Students are reminded to refer to their designated catalog for information relating to the University and College requirements for curriculum, graduation, probation/suspension, and other general information.

For more information, contact:
Undergraduate Admissions Office
429 N. Guadalupe
Texas State University
San Marcos, Texas 78666
512/245-2364
http://www.admissions.txstate.edu/

College of Science & Engineering
Academic Advising Center
Centennial Hall 202
Texas State University
San Marcos, Texas 78666
512/245-1315
http://www.science.txstate.edu/advising

Texas State reserves the right to withdraw courses at any time, to change its fees or tuition, calendar, curriculum, degree requirements, graduation procedures, and any other requirements affecting students. Changes will become effective whenever authorities determine and will apply to both prospective students and those already enrolled.