### Bachelor of Arts, Major in Biology

**Additional information:** Reference the Program Landing Page (https://www.shsu.edu/programs/bachelor-degree-in-biology/) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<td>Component Area VII (Political Science/Government)</td>
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<td>Component Area VIII (Social and Behavioral Sciences)</td>
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#### Degree Specific Requirements

Select one of the following:

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<td>CHEM 1412</td>
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<td>MATH 1410</td>
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#### Major: Foundation

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#### Major: Prescribed Electives

BIOL Advanced Electives (3000-4000 level courses) 7 hours

#### Major: Concentration

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#### Minor: Not Required

5,6 All minors can be paired with this degree program.

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1 Satisfies 3 hours of the Core Curriculum requirement for Component Area II (Mathematics) as well as 1 hour of the Core Curriculum requirement for Component Area IX (Component Area Option).

2 Satisfies the Core Curriculum requirement for Component Area III (Life and Physical Sciences).

3 WOLC 2311 or WOLC 2312 satisfies the Core Curriculum requirement for Component Area IV (Language, Philosophy, and Culture) and Component Area IX.

4 See, Concentration course listings below.

5 A minor is not required for this degree program; however, a student has the option to add a minor, but to do so additional semester credits hours may be needed above the degree program’s stated total semester credit hours.

6 All minors can be paired with this degree program.
Notes

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.0 minimum SHSU major GPA in all major coursework.

This total reflects MATH 1410 satisfying Component Area II and one hour of Component Area IX, and CHEM 1411 and CHEM 1412 satisfying Component Area III.

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<tr>
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Total Hours 42-43
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<td>BIOL 4095</td>
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<td>BIOL 4096</td>
<td>Spcl Topics In Undergrad Bio</td>
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<td>BIOL 4350</td>
<td>Immunology</td>
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<td>BIOL 4480</td>
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<tr>
<td>or BIOL 4490</td>
<td>Cell Biology</td>
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Total Hours: 50-55
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<td>BIOL 4306</td>
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<td>BIOL 4481</td>
<td>Physiological Ecology</td>
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Total Hours: 36-40
Bachelor of Arts, Major in Biology

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<td>FORS 4320</td>
<td>Fundamentals of Forensic Bio</td>
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<td>FORS 4380</td>
<td>Ethics &amp; Prof Practice</td>
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Select one from the following: 3-4

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Select two from the following: 6-8

<table>
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Total Hours: 51-54

Additional information: Reference the Program Landing Page (https://www.shsu.edu/programs/bachelor-degree-in-biology/) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

**First Year**

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Third Year

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Fourth Year

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Total Hours: 120-139

1 Satisfies the Core Curriculum requirement for Component Area III (Life and Physical Sciences).
2 Satisfies Core Curriculum requirement for Component Area I (Communications).
3 Satisfies 3 hours of the Core Curriculum requirement for Component Area II (Mathematics) and 1 hour of the Core Curriculum requirement for Component Area IX (Component Area Option).
4 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
5 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
6 See, Concentration course listings below.
7 WOLC 2311 or WOLC 2312 satisfies the Core Curriculum requirement for Component Area IV (Language, Philosophy, and Culture) and Component Area IX.

Notes

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must earn a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must earn a 2.0 minimum SHSU major GPA in all major coursework.

This total reflects MATH 1410 satisfying Component Area II and one hour of Component Area IX, and CHEM 1411 and CHEM 1412 satisfying Component Area III.
A minor is not required for this degree program; however, a student has the option to add a minor, but to do so additional semester credits hours may be needed above the degree program's stated total semester credit hours.

All minors can be paired with this degree program.

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Total Hours: 42-43

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<td>Molecular Genetics</td>
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<td>or BIOL 4490</td>
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Total Hours: 50-55

**Major: Concentration (Environmental, Evolutionary, and Organismal Biology)**

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Total Hours: 36-40

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<td>FORS 4380</td>
<td>Ethics &amp; Prof Practice</td>
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Select one from the following: 3-4

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Select two from the following: 6-8

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The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's 60x30TX plan and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BA in Biology is designed to provide graduates with the following marketable skills:

- Master the depth of knowledge required for a degree in biological sciences.
- Demonstrate critical thinking.
- Communicate effectively.
- Work collaboratively.