**Bachelor of Science in Biology**  
**Option VIII: Teaching**  
2014-16 Catalog (Expires August 2022)

<table>
<thead>
<tr>
<th>University Core Curriculum</th>
<th>Lacking</th>
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</thead>
<tbody>
<tr>
<td><strong>First-Year Signature Course:</strong> UGS 302 or 303</td>
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<tr>
<td><strong>English:</strong> RHE 306</td>
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<tr>
<td><strong>Humanities:</strong> One course chosen from E 316K (if taken prior to Fall 2014), 316L, 316M, 316N, 316P</td>
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<tr>
<td><strong>American &amp; Texas Government:</strong> 6 hrs from approved core list</td>
<td>+</td>
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<tr>
<td><strong>American History:</strong> 6 hrs from approved core list</td>
<td>+</td>
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<tr>
<td><strong>Social and Behavioral Sciences:</strong> 3 hrs from approved core list</td>
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<tr>
<td><strong>Mathematics:</strong> 3 hrs from approved core list: [M 408C or M 408N]</td>
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| Science and Technology Part I: 6 hrs in a single subject from approved core list: [BIO 311C + BIO 311D] |       |
| Science and Technology Part II: 3 hrs from approved list in a subject other than the one chosen for Part I: [CH 301] |       |
| **Visual & Performing Arts:** 3 hrs from approved core list |       |

Note that no single course may be used to fulfill two core areas simultaneously. In most cases, students may satisfy both a core requirement and a major requirement with a single course.

### Additional General Education Requirements

| **Two Writing Flags (must include a course that is not used to meet a core requirement and a course that is upper-division):** | +       |
| **Quantitative Reasoning Flag Course:** |       |

Writing and Quantitative Reasoning Flag courses may satisfy other degree requirements.

### Introductory Mathematics and Science, with grades of C- or better

| **Mathematics:** M 408C + 408D or M 408N + M 408S |       |

**Physics:** 8 hours chosen from one of the following sequences (lecture and accompanying lab): [PHY 301 + 101L, 316 + 116L, 317K + 117M, 317L + 117N, 303K + 103M, 303L + 103N, 302K + 102M, 302L + 102N]

SCI 360 (Topic 4: Physics by Inquiry) and PHY 108 may substitute for PHY 316 + 116L, 317 + 117N, 303L + 103N, or 302L + 102N.

**PHY 108 is offered on the pass/fail basis.**

**General Chemistry:** CH 301 or 301H + 302 or 302H

**General Chemistry Lab:** CH 204

**Organic Chemistry Sequence:** Complete one of the following: CH 220C + 320M + 320N or CH 320M + BCH 369

**Biology with grades of C- or better**

**Biology Sequence:** BIO 311C, 311D and 325 OR BIO 315H and 325H

**Biology Teaching Coursework with grades of C- or better**

**Research Methods:** Complete one of the following courses: BIO 328D, 337 (Topic 2: Research Methods: UTeach), CH 368 (Topic 1: Research Methods: UTeach), PHY 341 (Topic 7: Research Methods: UTeach)

**His 329U or PHL 329U:**

**Professional Development Coursework with grades of C- or better**

**EDC 650S:**

**EDC 365C or UTS 350:**

**EDC 365D or UTS 355:**

**EDC 365E or UTS 360:**

**UTS 101 + 110 + 170:** + + +

Pass final teaching portfolio review:
If seeking middle grade certification, complete the following courses or group of courses with a grade of C- or better:

- EDP 363M (Topic 3: Adolescent Development) or PSY 301 + 304: _____ + _____
- EDC 339: _____

Professional Development Coursework with grades of C- or better

**Complete one of the following certification areas:**

A. **Composite Science Certification**
   - BCH 369: _____
   - 6 hours of majors-level GEO coursework: _____ + _____

   **Note:** the remaining coursework required for composite science certification are fulfilled by the requirements listed above

B. **Life Science Certification**
   - BIO 373: _____

Biology Breadth Courses required for All BS Biology Options, with grades of C- or better

**You must complete one course from each of the following lists. Courses used for the upper-division biology coursework listed above may also count toward this requirement:**

a. **Cellular, Developmental, and Molecular Biology:** BIO 320, 326R, 344, 349: ______

b. **Physiology and Neurobiology:** BIO 328, 361T, 365S, NEU 365R: ______

c. **Ecology, Evolution, and Behavior:** BIO 357, 359K, 370, 373: ______

Laboratory Coursework

**You must complete at least 4 laboratory courses in Biology. 3 of these courses must be upper-division. 1 of these courses must be BIO 206L or 208L. Courses counting toward other degree requirements may be used to meet this requirement.**

- Course 1: _____ [BIO 206L or 208L]
- Course 2: ______
- Course 3: ______
- Course 4: ______

24 hours of upper-division coursework beyond BIO 325 in Biology and approved related fields

**Courses counting toward previous requirements will also be used to meet this requirement.**

Enough Additional Elective Hours to Reach a Total of 126 Hours (including 36 upper-division hours)

Minimum Grade Point Average Requirements

2.0 grade point average in all mathematics and science courses required by degree*: _____

2.5 grade point average in all courses taken at the University of Texas at Austin: _____

* Required mathematics and science courses may include: ACF, AST, BCH, BIO, CH, CS, EVS, GEO, HDF, HE, M, NEU, NSC, NTR, PBH, PHY, SDS, SSC, TXA, and UTS-Natural Sciences.

Total Hours and Residency Requirements

- 126 semester hours: _____
- 36 upper-division hours: _____
- 21 upper-division hours in biology in residence: _____
- 60 hours in residence: _____

No more than 6 hours of electives may be taken Pass/Fail. No more than 3 three-hour courses in Air Force Science, Military Science, and Naval Science may be counted toward the degree. The following courses will not count toward this degree: M 301, KIN 119, or PED one-hour activity courses. Please check course descriptions of lower-division science courses not required for majors in the same field of study to see if they can or cannot count toward this degree.

A student may not earn more than one Bachelor of Arts, Bachelor of Science and Arts, or Bachelor of Science in Environmental Science degree from the University. A student may earn only one undergraduate degree in a particular field of study from the College of Natural Sciences. A student who holds a Bachelor of Arts or a Bachelor of Science and Arts degree from the university may earn a second major designation in another field of study that will appear on the University transcript. The title of the degree appears on the diploma, but the major does not. The title of the degree, the major, and the transcript-recognized certificate appear on the official transcript.