

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

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

Additional General Education Requirements	Lacking
<b>Two Writing Flags (must include a course that is not used to meet a core requirement and a course that is upper-division):</b> ____ + ____	
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	Lacking
<b>Mathematics:</b> M 408C + 408D or M 408N + M 408S: ____ + ____	
<b>Physics: 8 hours chosen from one of the following sequences (lecture and accompanying lab):</b> ____ + ____ + ____ + ____	
A. PHY 301 + 101L AND 316 + 116L	
B. PHY 317K + 117M AND 317L + 117N	
C. PHY 303K + 103M AND 303L + 103N	
D. PHY 302K + 102M AND 302L + 102N	
<i>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.</i>	
<b>General Chemistry:</b> CH 301 or 301H + 302 or 302H: ____ + ____	
<b>General Chemistry Lab:</b> CH 204: ____	
<b>Organic Chemistry Sequence:</b> Complete one of the following: CH 220C + 320M + 320N or CH 320M + BCH 369: ____ + ____ + ____	

Biology with grades of C- or better	Lacking
Complete one of the following sequences before progressing to other upper-division biology courses	
<b>Biology Sequence:</b> BIO 311C, 311D and 325 OR BIO 315H and 325H: ____ + ____ + ____	

Biology Teaching Coursework with grades of C- or better	Lacking
BIO 320 + 226L + 326R + 370: ____ + ____ + ____ + ____	
BIO 324 + 124L or 322 + 122L: ____ + ____	
Complete at least 3 hours chosen from the following list: BIO 322, 122L, 328, 328D, 128L, 329, 129L, 438L, 339, 345, 359J, 359K, 359R, 360K, 160L, 361, 361L, 361T, 465M, 365N, 365S, 371L, NEU 365L, 365R: ____	
<b>Substantial Field Component:</b> Complete one of the following courses: BIO 321L, 340L, 342L, 453L, 455L, 456L, 373L, MNS 352D, 354, 354C: ____	
<b>Research Methods:</b> Complete one of the following courses: BIO 328D, 337 (Topic 2: <i>Research Methods: UTeach</i> ), CH 368 (Topic 1: <i>Research Methods: UTeach</i> ), PHY 341 (Topic 7: <i>Research Methods: UTeach</i> ): ____	
HIS 329U or PHL 329U: ____	

Professional Development Coursework with grades of C- or better	Lacking
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: ____	

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<i>If seeking middle grade certification, complete the following courses or group of courses with a grade of C- or better:</i> EDP 363M (Topic 3: <i>Adolescent Development</i> ) or PSY 301 + 304: ____ + ____	
EDC 339: ____	

<b>Professional Development Coursework with grades of C- or better</b>	<b>Lacking</b>
<p><i>Complete one of the following certification areas:</i></p> <p>A. Composite Science Certification</p> <p>i. BCH 369: ____</p> <p>ii. 6 hours of majors-level GEO coursework: ____ + ____</p> <p><i>Note: the remaining coursework required for composite science certification are fulfilled by the requirements listed above</i></p> <p>B. Life Science Certification</p> <p>i. BIO 373: ____</p> <p>ii. 3 additional hours of BIO chosen from the following list: BIO 322, 122L, 328, 328D, 128L, 329, 129L, 438L, 339, 345, 359J, 359K, 359R, 360K, 160L, 361, 361L, 361T, 465M, 365N, 365S, 371L, NEU 365L, 365R: ____</p>	

<b>Biology Breadth Courses required for All BS Biology Options, with grades of C- or better</b>	<b>Lacking</b>
<p><i>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.</i></p> <p>a. Cellular, Developmental, and Molecular Biology: BIO 320, 326R, 344, 349: ____</p> <p>b. Physiology and Neurobiology: BIO 328, 361T, 365S, NEU 365R: ____</p> <p>c. Ecology, Evolution, and Behavior: BIO 357, 359K, 370, 373: ____</p>	

<b>Laboratory Coursework</b>	<b>Lacking</b>
<p><i>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.</i></p> <p>Course 1: ____ [BIO 206L or 208L]</p> <p>Course 2: ____</p> <p>Course 3: ____</p> <p>Course 4: ____</p>	

<b>24 hours of upper-division coursework beyond BIO 325 in Biology and approved related fields</b>	<b>Lacking</b>
<i>Courses counting toward previous requirements will also be used to meet this requirement.</i>	

<b>Enough Additional Elective Hours to Reach a Total of 126 Hours (including 36 upper-division hours)</b>	<b>Lacking</b>

<b>Minimum Grade Point Average Requirements</b>	<b>Lacking</b>
<b>2.0 grade point average in all mathematics and science courses required by degree*:</b> ____	
<b>2.5 grade point average in all courses taken at the University of Texas at Austin:</b> ____	
* 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.	

<b>Total Hours and Residency Requirements</b>	<b>Lacking</b>
126 semester hours: ____	
36 upper-division hours: ____	
21 upper-division hours in biology in residence: ____	
60 hours in residence: ____	
<p>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.</p> <p>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.</p>	