

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

University Core Curriculum	Lacking
First-Year Signature Course: UGS 303 ____	
English: RHE 306 ____	
Humanities: One course chosen from E 316K (if taken prior to Fall 2014), 316L, 316M, 316N, 316P ____	
American & Texas Government: 6 hrs from approved core list ____ + ____	
American History: 6 hrs from approved core list ____ + ____	
Social and Behavioral Sciences: 3 hrs from approved core list ____	
Mathematics: 3 hrs from approved core list: ____ [M 408D AP]	
Science and Technology Part I: 6 hrs in a single subject from approved core list: ____ + ____ [BIO 315H + BIO 325H]	
Science and Technology Part II: 3 hrs from approved list in a subject other than the one chosen for Part I: ____ [CH 301H]	
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 <i>core requirement</i> and a <i>major requirement</i> with a single course.	

Additional General Education Requirements	Lacking
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.	

Dean's Scholars Honors Program Requirements	Lacking
UGS 303* ____ + RHE 309S (section restricted to Dean's Scholars): ____	
Thesis hours: 2 semesters of BIO 379H: ____ + ____	
*These courses must be approved by the departmental honors advisor. The thesis must be approved by departmental honors advisor. In addition, research must be presented in an approved public forum, such as the annual College of Natural Sciences' Undergraduate Research Forum.	

Dean's Scholars Breadth Requirement with Grades of C- or Better	Lacking
<i>Credit earned by examination may not be counted toward the breadth requirement for the degree.</i>	
Honors Mathematics: M408D-AP-H or other honors math ____	
Honors Biology: BIO 315H + BIO 325H: ____ + ____	
Honors Chemistry: CH 301H + CH 302H: ____ + ____	
<i>Complete one of the following courses or pairs of courses:</i> a 3 hour honors-designated CS course; a 3 hour honors-designated statistics course; PHY 301 + 101L, PHY 315 + 115L, PHY 316 + 116L: ____ + ____ If Physics is chosen, it may also count toward the required Physics sequence below.	

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

Science Coursework, with grades of C- or better	Lacking
Exceptions or substitutions to major hours are determined by the Biology Department's representative to the Dean's Scholars Steering Committee and are subject to the approval of the Director of the Dean's Scholars Honors Program. Major hours must be taken for a letter grade.	
Physics: 8 hours chosen from one of the following sequences (lecture and accompanying lab): ____ + ____ + ____ + ____	
A. PHY 301 + 101L AND 316 + 116L	
B. PHY 317K + 117M AND 317L + 117N	
C. PHY 303K + 103M AND 303L + 103N	
Chemistry: CH 204 + 128K + 128L + 328M + 328N: ____ + ____ + ____ + ____ + ____	
Biology: BIO 320 or 344 + 349 + 370 + NEU 365R or BIO 365R: ____ + ____ + ____ + ____	

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<p><i>Complete at least 12 additional hours chosen from the following list. 6 of these hours may be fulfilled by 2 sections of BIO 379H:</i></p> <p>a. Cellular, developmental, and molecular biology: BIO 320, 323L, 325L, 325T, 326D, 326E, 126L, 326R, 327, 127L, 328D, 330, 130L, 331L, 332, 333, 335, 336, 337 (Topic: <i>Development and Evolution</i>), 337J, 339, 339M, 343M, 344, 347, 349, 350M, 360K, 160L, 366, 366R, 367, 368L, 379G, 379J.</p> <p>b. Physiology, neurobiology, and behavior: BIO 322, 122L, 226S, 328, 128L, 329, 129L, 438L, 339, 341, 141L, 345, 345E, 359J, 359K, 359R, 360K, 160L, 361, 361L, 361T, 365D, 365L, 465M, 365N, 365R, 365S, 365T, 365W, 371M.</p> <p>c. Ecology and evolution: BIO 321L, 226S, 340L, 342L, 448L, 351, 352, 353L, 354L, 455L, 456L, 357, 458L, 359, 359J, 262, 262L, 363, 364, 365W, 369L, 370, 471G, 472L, 373, 373L, 375, 376, MNS 352C, 354Q.</p>	
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Additional Coursework Approved by Departmental Honors Advisor	Lacking
Courses to be determined under the direction of a faculty member and subject to the approval of the Director of the Dean's Scholars Honors Program. 15 hours: _____ + _____ + _____ + _____ + _____	

Coursework from College of Fine Arts and the College of Liberal Arts	Lacking
6 hours from the College of Fine Arts and the College of Liberal Arts: _____ + _____	

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

Laboratory Coursework	Lacking
<i>You must complete at least 3 upper-division laboratory courses in Biology. BIO 377 or BIO 379H may only count as one of these courses. Courses counting toward other degree requirements may be used to meet this requirement.</i>	
Course 1: _____	
Course 2: _____	
Course 3: _____	

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

Enough Additional Elective Hours to Reach a Total of 120 Hours (including 36 upper-division hours)	Lacking

Minimum Grade Point Average Requirements	Lacking
2.0 grade point average in all mathematics and science courses required by degree*: _____	
3.5 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	Lacking
120 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.	