

Bachelor of Science in Biology: Honors Option

2014-16 Catalog (Expires August 2022)

University Core Curriculum

First-Year Signature Course: UGS 302 or 303 _____

English: RHE 306 _____

Humanities: One course chosen from E 316L, 316M, 316N, 316P _____

American and Texas Government: GOV 310L _____ GOV 312L _____ **American History:** 6 hours from approved list: _____

Social and Behavioral Science: 3 hrs from approved list: _____

Visual and Performing Arts: 3 hrs from approved list: _____

Mathematics: 3 hrs from approved list: _____

Science and Technology, Parts I & II: (*Shown as part of the Breadth Requirement*)

Note that no single course may be used to fulfill 2 core areas simultaneously, though in most cases students may satisfy both a core requirement and a major requirement with a single course. Courses that fulfill the core curriculum may be viewed at:

<http://cns.utexas.edu/academics/degrees-majors/university-core>

Other General Education Requirements

Writing Flags: 2 courses, including 1 at the upper-division level: _____

Dean's Scholars Honors Program Requirements

Introductory Honors Coursework: UGS 303 _____ RHE 309S-NSDS _____ **Honors Math** (*Shown as part of the Breadth Requirement*)

Thesis hours (6 hours): BIO 379H _____ BIO379H _____

Dean's Scholars Breadth Requirement:

Credit by advanced placement *may not* be counted toward the breadth requirement for the degree.

Honors Math (M408D AP-H or other honors math course): _____

Honors Chemistry: CH 301H _____ CH 302H _____ (meets Core Natural Science Part I requirement)

Honors Biology: BIO 315H _____ BIO 325H _____ (meets Core Natural Science Part II requirement)

1 Honors Course from PHY (301 and 101L, 316 and 116L, or 315 and 115L), SSC, or CS: _____

Major Hours

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.

3 hours from each of the following areas:

Cell/Molecular (BIO 320 or BIO 344): _____ Neurobiology (NEU 365R): _____

Evolution (BIO 370): _____ Developmental (BIO 349): _____

Additional Biology, 6 upper-division hours, from approved list (see reverse): _____

24 hours of Upper-division Biology must include 3 Upper-Division Labs, from approved list: _____ (BIO x77 may only count once)

Additional Science Hours

CH 204 _____ *CH328M _____ CH 128K _____ *CH328N _____ CH 128L _____

*CH328M and CH328N must be the sections for Chemistry/Biochemistry Majors

PHY 301 (303K, or 317K) _____ PHY 101L (103M, or 117M) _____ PHY 316 (303L, or 317L) _____ PHY 116L (103N, or 117N) _____

Elective Hours

6 additional hours must be taken from the College of Fine Arts or the College of Liberal Arts: _____

15 elective hours as determined under the direction of a faculty member and subject to the approval of the Director of the Dean's Scholars Honors Program.

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Total Hours and Residency Requirements

Minimum 120 total hours: _____
Minimum 60 hours in residence: _____
Minimum 36 upper-division hours: _____
Minimum 24 of last 30 hours must be in residence: _____
3.25 to remain in program, and 3.5 in residence GPA to graduate with degree: _____

Additional Information

Dean's Scholars Honors Biology Degree

List of approved courses to fulfill 6 additional hours in Upper-Division Biology

Requirement may be met by completing 6 hours from the following courses:

- a. Cellular, developmental, and molecular biology: Biology 320, 323L, 325L, 325T, 326D, 326E, 226L, 326R, 327, 127L, 328D, 330, 130L, 331L, 332, 333, 335, 336, 337 (Topic: Development and Evolution), 337J, 339, 339M, 343M, 344, 347, 349, 350M, 360K, 160L, 366, 366R, 367, 368L, 379G, 379J.
- b. Physiology, neurobiology, and behavior: Biology 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.
- c. Ecology and evolution: Biology 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, Marine Science 352C, 354Q.

Students completing an additional degree must complete 24 hours in addition to those counted toward the bachelor's degree that requires the higher number of credit hours.

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