

Bachelor of Science in Biology: Honors Option

2020-22 Catalog (Expires August 2028)

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

Flags: WR (2 courses, including 1 at the upper-division level): _____ QR: _____ GC: _____ CD: _____ E: _____ II: _____

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 301C _____ CH 302C _____ (meets Core Natural Science Part I requirement)

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

3 hours of coursework chosen from honors-level courses in the College: _____

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.

Complete 24 hours chosen from the approved list (see reverse):

Three upper-division labs in Biology: _____ (BIO x77 may only count once)

Additional Science Hours

BIO 206L _____ CH 204 _____

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: _____
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 24 hours in Upper-Division Biology

Requirement may be met by completing 24 hours from the following courses:

- a. Biology 370.
- b. Cellular, developmental, and molecular biology: Biochemistry 369 or 339F, 339J, 339M, 346F, Biology 320, 326R, 330, 335, 336, 339, 339M, 343M, 344, 347 or 360K, 349, 350M, 360M, 361.
- c. Genetics and genomics: Biochemistry 339N, Biology 321G, 325T, 327E, 327G, 354C, 366, 366R, 471, Statistics and Data Sciences 348.
- d. Physiology, neuroscience, and behavior: Biology 328, 438L, 359K, 359R, 361T, 365N, 365S, 374, Marine Science 355, Neuroscience 330.
- e. Ecology, evolution, and biodiversity: Biology 322, 324, 346, 351, 357, 364, 471G, 373, 375, Marine Science 320, 352C, 352D, 352E, 353, 354, 354C, 354E, 354Q, 356, 357.

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