

Bachelor of Science in Biochemistry; Option IV: Biochemistry Honors
2010-12 Catalog (Expires August 2018)
By Admission Only

University Core Curriculum

First-Year Signature Course: UGS 302 or 303 ____

English: RHE 306 ____

Humanities: E 316K ____

American & Texas Government: 6 hrs from approved core list
____ + ____

American History: 6 hrs from approved core list
____ + ____

Social and Behavioral Science: 3 hrs from approved core list ____

Mathematics: 3 hrs from approved core list: ____ [M 305G, 408C, 408N, or 408K: can be filled using credit by exam]

Science and Technology Part I: 6 hrs in a single subject from approved core list: ____ + ____ [CH 301H + 302H]

Science and Technology Part II: 3 hrs from a subject other than the one chosen for Part I from approved core list: ____ [BIO 315H]

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. Plan II students may have additional options for some core requirements.

Additional General Education Requirements

Substantial Writing Components and/or Writing Flags (including a course that is not used to meet a core requirement and a course that is upper-division): ____ + ____

Substantial Writing Components and Writing Flags may satisfy other specific degree requirements.

Foreign Language: *Students who did not complete 2 years in a single foreign language in high school must complete the following:*
2 semesters in a single language or attainment of 2nd semester foreign language proficiency: ____ + ____

Dean's Scholars Honors Program Requirements

Introductory Honors Coursework:

NSC 301C or UGS 303 ____ + RHE 309S (section restricted to Dean's Scholars): ____ + Honors Math (see Breadth Section) ____

Thesis hours: 6 hours minimum, with grades of C- or better: CH 379H or 369K* ____ + 379H ____

*If approved by 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

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

Honors Mathematics: M408D-AP-H or other honors math ____

Honors Chemistry: CH 301H ____ + 302H ____

Honors Biology: BIO 315H ____ + 325H ____

Honors Course three hours chosen from honors courses in the college ____

Chemistry with Grades of C- or Better (Minimum 24 Upper-division Hours)

Exceptions or substitutions to major hours are determined by the Chemistry 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.

General Chemistry: CH 301H ____ + 302H ____ + 317 ____

Organic Chemistry (8 hours, chosen from ONE of the following sequences):

CH 318M ____ + 118K ____ + 318N ____ + 118L ____ **OR** CH 310M ____ + 310N ____ + 210C ____

Biochemistry: CH 339K or 369 ____ + 339L ____ + 369L ____ + 370 ____

Physical Chemistry: CH 353M ____ + 153K ____

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Analytical Chemistry: CH 455 or 456 (offered in Fall) _____

Additional Coursework Approved by Departmental Honors Advisor _____

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.

28 hours: _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____

Coursework from College of Fine Arts and the College of Liberal Arts _____

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

Note: the courses may also satisfy the Social and Behavioral Science and Visual and Performing Arts core curriculum by selecting carefully from the approved core curriculum list.

Enough Additional Elective Hours to Reach a Total of 120 Hours (including 36 Upper Division Hours) _____

Note: This is the only requirement in which pass/fail enrollments may be counted. _____ + _____ + _____ + _____ + _____

Minimum Grade Point Average Requirements _____

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, BIO, CH, CS, EVS, GEO, HDF, HE, M, NSC, NTR, PHY, SSC, TXA, and UTS-Natural Sciences.

Total Hours, Residency Requirements, and Additional Requirements Specific to Dean's Scholars Honors Program _____

120 semester hours: _____

36 upper-division hours _____

60 hours in residence: _____

24 of the last 30 hours in residence: _____

12 upper-division Chemistry hours in residence: _____

No more than 16 hours of electives may be taken Pass/Fail.

Failure to maintain a 3.25 grade point average usually results in academic dismissal from the honors option.

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.