

Bachelor of Science in Astronomy: Honors Option

2010-12 Catalog (Expires August 2018)

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: ____ + ____ [PHY 301 + PHY 316]

Science and Technology Part II: 3 hrs from a subject other than the one chosen for Part I from approved core list: ____ [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 *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: AST 379H ____ + 3 hrs upper-division research* or AST 379H ____

* 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

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 ____

9 hours of coursework chosen from honors-level courses in the College: ____

Astronomy and Physics with Grades of C- or Better (Minimum 24 Upper-division Hours

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

PHY 301 ____ PHY 101L ____ PHY 316 ____ PHY 116L ____ PHY 315 ____ PHY 115L ____ (meets Core Natural Science Part I)

12 hours of upper-division astronomy: ____

3 hours of upper-division astronomy/physics: ____

19 hours of upper-division physics: ____

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.

15 hours: ____ + ____ + ____ + ____ + ____

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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 hours physics and astronomy 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.