Bachelor of Science in Physics: Honors Option
2010-12 Catalog (Expires August 2018)

University Core Curriculum

First-Year Signature Course: UGS 302 or 303 __

English: RHE 306 ___

American & Texas Government: 6 hrs from approved core list

American History: 6 hrs from approved core list

Humanities: E 316K ___

Social and Behavioral Science: 3 hrs from approved core list

Mathematics: 3 hrs from approved core list

Science and Technology Part I: 6 hrs in a single subject from approved core list

Science and Technology Part II: 3 hrs from a subject other than the one chosen for Part I from approved core list

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: PHY 379H _____ + 3 hrs upper-division research* _____

* 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: M 427K _____ + 427L _____ (at least one of which must be designated as an honors section)

Honors Biology: BIO 315H _____ + 325H _____

Honors Chemistry: CH 301H _____ + 302H _____

Physics and Mathematics with Grades of C- or Better (Minimum 36 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 _____
M340L _____ M 361 _____ PHY 336K _____ PHY 352K _____ PHY 353L _____ PHY 355 _____
PHY 373 _____ PHY 369 _____ PHY 362K _____ PHY 362L _____ PHY 474 _____

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.

10 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: _____
60 hours in residence: _____
12 upper-division Physics hours in residence: _____
36 upper-division hours _____
24 of the last 30 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.

CNS Academic Records August 2010