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 408N or 408C]  
**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:  
**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, Option A, B, or C:** 
A) Two semesters in a single language or attainment of second-semester proficiency is one language:  
B) First semester-level proficiency in a foreign language and a three-hour course in the culture of the same language:  
C) Two three-hour culture courses chosen from one foreign culture category from approved list available in the CNS Dean’s office and the college advising centers.

**Introductory Mathematics and Science, with grades of C- or better**

Six semester hours of Biology, Chemistry, Computer Science or Geology:  
**Mathematics:** M 408C + M 408D + M 427K + M427L + M 340L  
**Physics:** PHY 301 + PHY 101L + PHY 316 + PHY 116L + PHY 315 + PHY 115L.  

**Astronomy and Physics Requirements with grades of C- or better**

**Physics:** PHY 336K + PHY 352K + PHY 353L + PHY 355 + PHY 362K + PHY 369 + PHY 373  
**Astronomy:** 12 semester hours of upper-division courses in astronomy, including the following: AST 352K + AST 353 + AST 358 + AST 351 (Note: AST 351 is recommended)  

9 semester hours of upper division astronomy and/or physics coursework:  

**Enough Additional Elective Hours to Reach a Total of 123 Hours** (including 36 Upper-division Hours)  

**Minimum Grade Point Average Requirements**

2.0 grade point average in all mathematics and science courses required by degree*:  
2.0 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.
Bachelor of Science in Astronomy
2010-12 Catalog (Expires August 2018)

<table>
<thead>
<tr>
<th>Total Hours and Residency Requirements</th>
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<tbody>
<tr>
<td>123 semester hours: _____</td>
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<tr>
<td>60 hours in residence: _____</td>
</tr>
<tr>
<td>No more than 16 hours of electives may be taken Pass/Fail.</td>
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</table>

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.

Additional Information

The following courses will not count toward this degree: M 301, KIN 119 or PED one-hour activity courses. No more than 12 semester hours of Bible coursework may be counted toward the degree. See catalog for restrictions about using ROTC coursework.

CNS Academic Records June 2010