### Core Curriculum

Core courses must be chosen from approved lists. [bit.ly/1d6oP6l](bit.ly/1d6oP6l)

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Signature Course</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>American &amp; Texas Government</td>
<td>6</td>
</tr>
<tr>
<td>American History</td>
<td>6</td>
</tr>
<tr>
<td>Social &amp; Behavioral Science</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Fulfilled by course in major)</td>
<td>0</td>
</tr>
<tr>
<td>Science &amp; Technology-I (Fulfilled by courses in major)</td>
<td>0</td>
</tr>
<tr>
<td>Science &amp; Technology-II (Fulfilled by courses in major)</td>
<td>0</td>
</tr>
<tr>
<td>Visual &amp; Performing Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

### Skills & Experience Flags

Flags attached to courses are displayed in the online Course Schedule.

- **Two Writing Flags:**
  - Core Writing Flag (cannot also fulfill another core curriculum requirement)
  - Additional Writing Flag
    - Note: One of the two writing flags must be upper-division.

- **One Quantitative Reasoning Flag**
- **One Global Cultures Flag**
- **One Cultural Diversity in the U.S. Flag**
- **One Ethics and Leadership Flag**
- **One Independent Inquiry Flag**

### Foreign Language

1 of the following:

- a. Beginning level proficiency in a foreign language
- b. 1 course in a foreign language & 1 three-hour course in the culture of the same language area
- c. 2 three-hour courses from the same foreign culture area

Foreign culture courses selected from approved lists maintained by the college. [bit.ly/19Ao6pc](bit.ly/19Ao6pc)

### Introductory Mathematics & Science

- **M 408C & 408D or 408N, 408S, & 408M**
  - 8–12
- **PHY 301 & 101L*, 316 & 116L*, and 315 & 115L**
  - 12
  - *PHY 303K & 103M and 303L & 103N, substitute for PHY 301 & 101L, and 316 & 116L. However, they are not preferred preparation for PHY 315 & 115L.
- **CH 301 or 301H**
  - 3
- **CH 302 or 302H**
  - 3

**Note:** Introductory science is substantially different for Option 6

### Option 1: Physics

Designed to give the student a strong foundation for graduate study or work in physics and for further study or work in a variety of other areas.

- **Additional science:**
  - 6 hours in BIO, GEO, or AST
  - Note: course that cannot count toward major requirements in department that offers it cannot be applied.

- **Upper-division mathematics:**
  - 14
  - M 427J or 427K
  - M 427L
  - 6 additional hours of upper-division Mathematics
  - M 340L, 361, and 362K are recommended

- **Upper-division physics:**
  - 28
  - PHY 355 Modern Physics & Thermodynamics
  - PHY 353L Modern Physics Laboratory
  - PHY 336K Classical Dynamics
  - PHY 352K Classical Electrodynamics I
  - PHY 373 Quantum Physics I: Foundations
  - PHY 369 Thermodynamics & Statistical Mechanics
  - PHY 362K Quantum Physics II: Atoms & Molecules
  - PHY 362L Quantum Physics III: Particles & Nuclei
  - PHY 474 Advanced Laboratory I

### Electives

Enough elective hours to reach 126 total

(The number of elective hours needed may vary depending on course selections.)

### Additional Graduation Requirements

- Minimum 21 upper-division hours in residence, including 12 in Physics
- Minimum 60 hours in residence overall
- Minimum 36 upper-division hours
- 126 hours total overall
- Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses
- Minimum UT-Austin Grade Point Average of 2.0
- Must apply to graduate during final semester
- 2016–18 Catalog expires August 2024