CORE CURRICULUM
Core courses must be chosen from approved lists.

First Year Signature Course 3
English Composition 3
Humanities 3
American & Texas Government 6
American History 6
Social & Behavioral Science 3
Mathematics (Fulfilled by course in major) 0
Science & Technology-I (Fulfilled by courses in major) 0
Science & Technology-II (Fulfilled by courses in major) 0
Visual & Performing Arts 3

SKILLS & EXPERIENCE FLAGS
Flags attached to courses are displayed in the online Course Schedule.

Two Writing Flags: □ □
1. Core Writing Flag (cannot also fulfill another core curriculum requirement)
2. 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 □

DEAN’S SCHOLARS CORE
Breadth requirement (credit earned by examination may not count): 20
M 427J or 427K, and 427L (1 course must be designated honors section)
Chemistry 301H and 302H
BIO 315H and 325H

Non-science coursework: 6
UGS 302 or 303 approved by departmental honors adviser
RHE 309S restricted to students in the Dean’s Scholars Honors Program

Approved by Honors Faculty Adviser: 16
6 hours in the College of Liberal Arts and the College of Fine Arts
10 additional hours

Honors thesis: 6
upper-division research course approved by honors faculty adviser
PHY 379H
Grades of at least A.

OPTION 6: PHYSICS HONORS

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 301 &amp; 316L, 315 &amp; 115L</td>
<td>12</td>
</tr>
<tr>
<td>Upper-division mathematics:</td>
<td></td>
</tr>
<tr>
<td>M 340L</td>
<td></td>
</tr>
<tr>
<td>M 361</td>
<td></td>
</tr>
<tr>
<td>Upper-division physics:</td>
<td>28</td>
</tr>
<tr>
<td>PHY 355 Modern Physics &amp; Thermodynamics</td>
<td></td>
</tr>
<tr>
<td>PHY 353L Modern Physics Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHY 336K Classical Dynamics</td>
<td></td>
</tr>
<tr>
<td>PHY 352K Classical Electrodynamics I</td>
<td></td>
</tr>
<tr>
<td>PHY 373 Quantum Physics I: Foundations</td>
<td></td>
</tr>
<tr>
<td>PHY 369 Thermodynamics &amp; Statistical Mechanics</td>
<td></td>
</tr>
<tr>
<td>PHY 362K Quantum Physics II: Atoms &amp; Molecules</td>
<td></td>
</tr>
<tr>
<td>PHY 362L Quantum Physics III: Particles &amp; Nuclei</td>
<td></td>
</tr>
<tr>
<td>PHY 474 Advanced Laboratory I</td>
<td></td>
</tr>
</tbody>
</table>

ELECTIVES
Enough elective hours to reach 120 total

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
- 120 hours total overall
- Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses
- Minimum UT-Austin Grade Point Average of 3.5
- Must apply to graduate during final semester
- 2016–18 Catalog expires August 2024