### Core Curriculum

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

**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 and 427L *(1 course must be designated honors section)*
- Chemistry 301C, and 302C
- 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
- 3-hour upper-division research course approved by honors faculty adviser
- PHY 379H

### Option 6: Physics Honors

**PHY 301 & 101L, 316 & 116L, and 315 & 115L** 12

Upper-division mathematics: 6
- M 340L
- M 361

Upper-division physics: 28
- PHY 355 Modern Physics & Thermodynamics
- PHY 353L Modern Physics Laboratory
- PHY 336K Classical Dynamics
- PHY 32K 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 120 total **VARY**

*(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
- 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
- 2022–24 Catalog expires August 2030

### Bachelor of Science in Physics

**BS** 2022–24 Checklist
- Minimum Hours Required
- Minimum Hours Required

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

- 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
- 2022–24 Catalog expires August 2030