CORE CURRICULUM
Core courses must be chosen from approved lists. bit.ly/1d6oP6l

First Year Signature Course
- 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:
- 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: 6–12
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 language courses selected from approved lists maintained by the college. bit.ly/19Ao6pc

INTRODUCTORY MATHEMATICS & SCIENCE

8–12

M 408C & 408D or 408N, 408S, & 408M

PHY 301 & 101L*, 316 & 116L*, and 315 & 115L
- PHY 303K & 105M and 303L & 105N, substitute for PHY 301 & 101L and 316 & 116L. However, they are not preferred preparation for PHY 315 & 115L.

CH 301 or 301C

CH 302 or 302C

Note: Introductory science is substantially different for Option 6

OPTION 4: SPACE SCIENCES
Designed to provide the necessary foundation for the student who plans a career or further study in space sciences.

Additional Science: 6
- 6 hours in BIO, GEO, or AST
  Note: courses 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: 24
- PHY 355 Modern Physics & Thermodynamics
- PHY 353L Modern Physics Laboratory
- PHY 336K Classical Dynamics
- PHY 352K Classical Electrodynamics I
- PHY 329 Introduction to Computational Physics
- PHY 373 Quantum Physics I: Foundations
- PHY 369 Thermodynamics & Statistical Mechanics
- PHY 362K Quantum Physics II: Atoms & Molecules

1 of the following: 15
- 15 upper-division ASE hours
- or 12 upper-division ASE & 3 additional upper-division PHY hours

ELECTIVES
Enough elective hours to reach 126 total
(The number of elective hours needed may vary depending on course selections.) VARY

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
- 2022–24 Catalog expires August 2030