CORE CURRICULUM

Core courses must be chosen from approved lists. 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

TEACHING INSTRUCTION COURSEWORK

HIS 329U or PHL 329U 3
UTS 101, 110 2
EDC 365C or UTS 350 3
EDC 365D or UTS 355 3
EDC 365E or UTS 360 3
EDC 651S (Topic 3: Secondary School Teaching Practicum: Math or Topic 4: Secondary School Teaching Practicum: Science) and UTS 170 7

Grades of at least C- are required in all courses in this section

INTRODUCTORY SCIENCE

M 408C & 408D, or 408N & 408S & 408M 8–12

1 of the following sequences: 6–8

- a. Biology: BIO 311C & 311D
- b. Chemistry: CH 301 or 301H, and 302 or 302H
- c. Physics for engineering majors:
  PHY 303K & 103M and 303L & 103N
- d. Physics for physics majors:
  PHY 301 & 101L and 316 & 116L
- e. Physics for pre-medical majors:
  PHY 317K & 117M and 317L & 117N

OPTION 5: TEACHING (SENIOR GRADES)

Linear Algebra: SDS 329C, M 340L, or 341
Programming:
CS 312
CS 314 or 314H
Theory:
CS 311 or 311H
CS 331 or 331H
Systems:
CS 429 or 429H
CS 439 or 439H
9 additional upper-division CS hours
Note: 9 upper-division CS hours are substituted for a 3rd course from approved lists in programming, theory, and systems.

COMPLETE ALL COURSEWORK IN 1 OF THE FOLLOWING CERTIFICATIONS:

Computer Science Certification

Probability: SDS 321 or M 362K
1 sequence chosen from:
- a. BIO 325 and 337 (Topic 2: Research Methods: UTeach)
- b. 3 upper-division hours of CH approved by undergraduate adviser and CH 368 (Topic 1: Research Methods: UTeach)
- c. PHY 315 and 341 (Topic 7: Research Methods: UTeach)
15 additional approved upper-division CS hours

Computer Science and Mathematics Certification:

Probability: SDS 321 or M 362K
Secondary school mathematics curriculum: M 315C and M 333L
Mathematics teaching methodology: M 360M or 375D
1 chosen from:
- a. BIO 337 (Topic 2: Research Methods: UTeach)
- b. CH 368 (Topic 1: Research Methods: UTeach)
- c. PHY 341 (Topic 7: Research Methods: UTeach)
12 additional approved upper-division CS hours

Continued on next page.
### ELECTIVES

<table>
<thead>
<tr>
<th>Minimum Hours Required</th>
<th>VARY</th>
</tr>
</thead>
</table>

**Enough elective hours to reach 127 total**

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

### ADDITIONAL GRADUATION REQUIREMENTS

- Minimum 21 upper-division CS hours in residence
- Minimum 60 hours in residence overall
- Minimum 42 upper-division hours
- 127 hours total overall
- Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses
- Minimum UT-Austin Grade Point Average of 2.5
- Must pass the final teaching portfolio review
- Must apply to graduate during final semester
- 2016–18 Catalog expires August 2024