### CORE CURRICULUM

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

### 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 329U or PHL 329U</td>
<td>3</td>
</tr>
<tr>
<td>UTS 101, 110</td>
<td>2</td>
</tr>
<tr>
<td>EDC 365C or UTS 350</td>
<td>3</td>
</tr>
<tr>
<td>EDC 365D or UTS 355</td>
<td>3</td>
</tr>
<tr>
<td>EDC 365E or UTS 360</td>
<td>3</td>
</tr>
<tr>
<td>EDC 651S (Topic 4: Secondary School Teaching Practicum: Science) and UTS 170</td>
<td>7</td>
</tr>
</tbody>
</table>

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

### INTRODUCTORY SCIENCE

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 408C &amp; 408D or 408N &amp; 408S &amp; 408M</td>
<td>8–12</td>
</tr>
<tr>
<td>CH 301C and 302C</td>
<td>6</td>
</tr>
<tr>
<td>1 of the following organic chemistry sequences:</td>
<td>8</td>
</tr>
<tr>
<td>CH 328M &amp; 128K, 328N &amp; 128L; CH 128K, 128L, 328C, and 329C; or CH 320M, 320N, and 220C</td>
<td></td>
</tr>
</tbody>
</table>

*Note: Introductory science is substantially different for Focus Area 6 (Chemistry Honors)*.

### ELECTIVES

够 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
- Minimum 12 upper-division CH hours in residence
- 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 2.5
- Must apply to graduate during final semester
- 2022–24Catalog expires August 2030

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**See page 2 for FOCUS AREA V: Certifications**
### Focus Area V: Teaching
Complete all coursework in 1 of the following certifications:

#### Composite Science Certification
- **1 of the following sequences**:  
  - PHY 317K, 105M, 317L, 105N  
  - PHY 303K, 105M, 303L, 105N  
  - PHY 301, 101L, 316, 116L  
  *SCI 365, Physics by Inquiry, and PHY 108, Physics by Inquiry, may substitute for 2nd half of PHY sequence for Composite Science Certification only.*

  - **BIO 311C, 311D**
  - **6 hours in GEO. Courses intended for nonscience majors may not be counted toward this requirement.**

- **To complete 12 hours in a 2nd science field, 1 of the following:**
  - 6 additional hours of BIO  
  - 6 additional hours of GEO  
  - 4 additional hours of PHY  
  Note: courses must be designed for science majors.

- **34 hours in CH, including:**
  - General and organic chemistry (in Introductory Science section)  
  - Biochemistry: BCH 369 or 339F  
  - Physical chemistry: CH 353  
  - Analytical chemistry: CH 455 or 456  
  - CH 368 (Topic 1: Research Methods: UTeach)  
  - 4 hours of additional CH

#### Mathematics, Physical Science, and Engineering Certification
- **1 of the following sequences:**
  - PHY 301, 101L, 316, 116L, 315, 115L  
  - PHY 303K, 105M, 303L, 105N, 315, 115L  
  - M 315C and 333L  
  - M 375D  
  - M 427J or 427K

- **Engineering Design & Problem Solving**
  - ES 301

- **Project in Mechanical Engineering**
  - ME 377K
  Note: Upon approval of the project by the UTeach Program

- **30 hours in CH, including:**
  - General and organic chemistry (in Introductory Science section)  
  - Biochemistry: BCH 369  
  - Physical chemistry: CH 353  
  - CH 353K  
  - Analytical chemistry: CH 455  
  - CH 368 (Topic 1: Research Methods: UTeach)