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

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

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

- **Two Writing Flags:**
  - Core Write 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**

## MATHEMATICS & SCIENCE
1 sequence from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 408C * &amp; 408D</td>
<td></td>
</tr>
<tr>
<td>M 408N &amp; 408S</td>
<td></td>
</tr>
<tr>
<td>M 408K &amp; 408L</td>
<td></td>
</tr>
<tr>
<td>*M 408N &amp; 408S, or 408K &amp; 408L, may substitute for M 408C</td>
<td></td>
</tr>
</tbody>
</table>

Note: Introductory science is substantially different for Option 6

## ELECTIVES
Enough elective hours to reach 120 total

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

## OPTION 5: TEACHING

### Secondary school mathematics:
- M 355C, Foundations, Functions, & Regression Models
- M 333L, Structure of Modern Geometry
- M 375D, Discovery: An Introduction to Advanced Study in Mathematics

### Differential equations & linear algebra:
- M 427J

### M 325K or 328K, 362K, and 358K
- M 328K is only recommended for students with previous, substantial experience in writing proofs.

### Real analysis:
- M 361K or 365C

## TEACHING INSTRUCTION COURSEWORK
Grades of at least C- are required in all courses in this section

- HIS 329U or PHL 329U 3
- 1 research methods course: 3
- Biology 337 (Topic 2: Research Methods: UTeach), Chemistry 368 (Topic 1: Research Methods: UTeach) or Physics 341 (Topic 7: Research Methods: UTeach)
- 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) and UTS 170 7

### Middle Grade Certification (Optional)
- EDP 350G or PSY 301 & 304
- EDC 339E

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

Students seeking mathematics, physical science, & engineering certification are not eligible for middle grade certification.

## ADDITIONAL GRADUATION REQUIREMENTS
- Minimum 21 upper-division hours in residence
- Minimum 18 hours of Mathematics in residence
- Minimum 60 hours in residence overall
- Minimum 42 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 2.5
- Must pass the final teaching portfolio review
- Must apply to graduate during final semester
- 2022–24 Catalog expires August 2030

See page 2 for Option 5 Teaching Certifications
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mathematics Certification</strong></td>
<td></td>
<td></td>
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<tr>
<td>Linear algebra:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>M 340L or 341</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algebraic structures:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>M 343K or 373K</td>
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<td></td>
</tr>
<tr>
<td>2 additional courses from:</td>
<td>6</td>
<td>Mathematics courses may apply toward only 1 requirement.</td>
</tr>
<tr>
<td>1 course from:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AST 307, 352K, 352L, 358, 367M; CH 301, 301H, 303; CS 303E, 313E; HDF 322; PHY 301, 303K, 303L; ACC 310F, 311; ARE 323K; CE 321, 341; EE 302, 366, 366L; ME 320, 326, 366L, 366Q, 366R; PGE 310; GEO 346C, 354, 476K; ECO 420K; GRG 380L; GOV 341M; PSY 325K, and 332</td>
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<td></td>
</tr>
<tr>
<td><strong>Mathematics, Physical Science, &amp; Engineering Certification</strong></td>
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<td></td>
</tr>
<tr>
<td>Linear algebra:</td>
<td>3</td>
<td></td>
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<tr>
<td>M 341</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHY 301 &amp; 101L, 316 &amp; 116L, 315 &amp; 115L</td>
<td>12</td>
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</tr>
<tr>
<td>CH 301 or 301C, 302 or 302C; and 204</td>
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<td></td>
</tr>
<tr>
<td>ES 301</td>
<td></td>
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</tr>
<tr>
<td>ME 377K upon approval of the projects by the UTeach Program</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>