

| <b>CORE CURRICULUM</b><br><small>Core courses must be chosen from approved lists.<br/>bit.ly/1d6oPGI</small>   | Minimum Hours Required                            | <b>MATHEMATICS MAJOR<br/>MIDDLE GRADES AND<br/>SECONDARY SCHOOL<br/>TEACHING</b>  | Minimum Hours Required |
|--|---|---|------------------------|
| <b>First Year Signature Course</b>   | 3   | <b>Calculus, choose 1 sequence:</b>   | 8                      |
| <b>English Composition</b>   | 3   | M 408C * & 408D<br>M 408N & 408S<br>M 408K & 408L<br><i>* M 408N &amp; 408S, or 408K &amp; 408L, may substitute for M 408C.</i>   |                        |
| <b>Humanities</b>  | 3   | <b>Linear algebra:</b>  | 3                      |
| <b>American &amp; Texas Government</b>   | 6   | M 341 or 340L   |                        |
| <b>American History</b>  | 6   | <b>Complete all:</b>  | 12                     |
| <b>Social &amp; Behavioral Science</b>   | 3   | M 315C, 333L, 358K, 362K  |                        |
| <b>Mathematics (Fulfilled by course in major)</b>  | 0   | <b>Proof-oriented course:</b>   | 3                      |
| <b>Science &amp; Technology-I</b>  | 3   | M 325K or 328K  |                        |
| <b>Science &amp; Technology-II</b>   | 6   | <b>Discovery teaching methodology:</b>  | 3                      |
| <b>Visual &amp; Performing Arts</b>  | 3   | M 375D  |                        |
| <b>SKILLS &amp; EXPERIENCE FLAGS</b><br><small>Flags attached to courses are displayed in the online Course Schedule.</small>  |   | <b>Real analysis:</b>   | 3                      |
| <b>Two Writing Flags:</b>  | <input type="checkbox"/> <input type="checkbox"/> | M 361K or 365C  |                        |
| 1. Core Writing Flag <i>(cannot also fulfill another core curriculum requirement)</i>  | <input type="checkbox"/>                          | <b>Algebraic structures:</b>  | 3                      |
| 2. Additional Writing Flag<br><small>Note: One of the two writing flags must be upper-division.</small>  | <input type="checkbox"/>                          | M 343K or 373K  |                        |
| <b>One Quantitative Reasoning Flag</b>   | <input type="checkbox"/>                          | <b>TEACHING INSTRUCTION<br/>COURSEWORK</b>  |                        |
| <b>One Global Cultures Flag</b>  | <input type="checkbox"/>                          | <b>Research methods, choose 1:</b>  | 3                      |
| <b>One Cultural Diversity in the U.S. Flag</b>   | <input type="checkbox"/>                          | BIO 337 <i>(Topic 2: Research Methods: UTeach)</i><br>CH 368 <i>(Topic 2: Research Methods: UTeach)</i><br>PHY 341 <i>(Topic 7: Research Methods: UTeach)</i>   |                        |
| <b>One Ethics and Leadership Flag</b>  | <input type="checkbox"/>                          | <b>Perspectives on science &amp; mathematics:</b>   | 3                      |
| <b>One Independent Inquiry Flag</b>  | <input type="checkbox"/>                          | HIS 329U or PHL 329U  |                        |
| <b>FOREIGN LANGUAGE</b><br><small>Attainment of an intermediate level of competency in a language other than english by completing 1 of the following:</small>   | 6–18  | <b>Professional development coursework:</b>   | 18                     |
| a. certified proficiency on a placement or credit-by-examination test  |   | UTS 101, 110<br>EDC 365C or UTS 350<br>EDC 365D or UTS 355<br>EDC 365E or UTS 360<br>EDC 651S <i>(Topic 3: Secondary school teaching practicum: math)</i> & UTS 170   |                        |
| b. a passing grade in a language course listed in the College of Liberal Arts section (page 332)   |   | Grades of at least C- are required in all courses in this section   |                        |
| c. Students who wish to meet the requirement with proficiency in a language not listed in the table found in the College of Liberal Arts section above should contact the Texas Language Center  |   | <b>Middle Grade Certification (Optional)</b>  | 6–9                    |
| <b>SOCIAL SCIENCE</b><br><small>3 hours from a list of approved courses maintained by the College of Liberal Arts, in addition to the course used to fulfill the social &amp; behavioral science core requirement. The course must be in a different field of study from the course used to fulfill the social &amp; behavioral science core curriculum requirement.</small> | 3   | EDP 350G or PSY 301 & 304<br>EDC 339E<br>Grades of at least C- are required in all courses in this section  |                        |
| <b>CULTURAL EXPRESSION,<br/>HUMAN EXPERIENCE,<br/>AND THOUGHT</b><br><small>3 hours from a list of approved courses maintained by the College of Liberal Arts. A course counted toward the core curriculum may not also be counted toward this requirement.</small>  | 3   | <b>ELECTIVES</b><br><b>Enough elective hours to reach 120 total</b><br><i>(The number of elective hours needed may vary depending on course selections.)</i>  | VARY                   |
| <b>NATURAL SCIENCE</b><br><small>6 hours (Fulfilled by courses in major)</small>   | 6   | <b>ADDITIONAL GRADUATION REQUIREMENTS</b><br><input type="checkbox"/> Minimum 18 hours of major in residence, including 6 upper-division hours<br><input type="checkbox"/> Minimum 21 upper-division hours in residence<br><input type="checkbox"/> Minimum 60 hours in residence overall<br><input type="checkbox"/> Minimum 36 upper-division hours<br><input type="checkbox"/> 120 hours total overall<br><input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses<br><input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.5<br><input type="checkbox"/> Must apply to graduate during final semester<br><input type="checkbox"/> 2022–24 Catalog expires August 2030 |                        |