

| <b>CORE CURRICULUM</b>  | Minimum Hours Required | <b>OPTION 1:<br/>ACTUARIAL SCIENCE</b>  | Minimum Hours Required |
|---|------------------------|---|------------------------|
| Core courses must be chosen from approved lists.<br><a href="http://bit.ly/1d6oP6l">bit.ly/1d6oP6l</a>                                    |                        | <b>Economics &amp; accounting:</b>  | <b>9–12</b>            |
| <b>First Year Signature Course</b>  | <b>3</b>               | ECO 304K & 304L<br>ACC 310F or 311 & 312  |                        |
| <b>English Composition</b>  | <b>3</b>               | <b>Finance:</b>   | <b>3</b>               |
| <b>Humanities</b>   | <b>3</b>               | FIN 357   |                        |
| <b>American &amp; Texas Government</b>  | <b>6</b>               | <b>M 325K or 328K:</b>  | <b>3</b>               |
| <b>American History</b>   | <b>6</b>               | <i>M 328K is only recommended for students with previous, substantial experience in writing proofs.</i>   |                        |
| <b>Social &amp; Behavioral Science</b>  | <b>3</b>               | <b>Linear algebra:</b>  | <b>3</b>               |
| <b>Mathematics</b> (Fulfilled by course in major)   | <b>0</b>               | M 341<br><i>M 340L may apply if the course was completed prior to entry into the mathematics entry-level major.</i>   |                        |
| <b>Science &amp; Technology-I</b> (Fulfilled by courses in major)   | <b>0</b>               | <b>Probability and statistics:</b>  | <b>6</b>               |
| <b>Science &amp; Technology-II</b> (Fulfilled by courses in major)  | <b>0</b>               | M 362K<br>M 358K or 378K  |                        |
| <b>Visual &amp; Performing Arts</b>   | <b>3</b>               | <b>Foundational actuarial coursework:</b>   | <b>12</b>              |
| <b>SKILLS &amp; EXPERIENCE FLAGS</b>  |                        | M 329F, 339D, 339J, & 339U  |                        |
| Flags attached to courses are displayed in the online Course Schedule.  |                        | <b>Advanced actuarial coursework:</b>   | <b>6</b>               |
| <b>Two Writing Flags:</b> <input type="checkbox"/> <input type="checkbox"/>   |                        | 2 courses from M 339V, 339W, 349P<br>1 additional course from M 339C, 339V, 339W, 349P, 349R, 378K<br><i>Note: M 339V, 339W, 349P, and 378K may not count toward more than 1 mathematics requirement.</i>   |                        |
| 1. Core Writing Flag (cannot also fulfill another core curriculum requirement)  |                        | <b>Inquiry based learning (IBL):</b>  | <b>3</b>               |
| 2. Additional Writing Flag<br><i>Note: One of the two writing flags must be upper-division.</i>   |                        | 1 completed upper-division Math course must be taught in the inquiry based learning format (IBL).<br><i>IBL courses identified through notation under the unique number in the course schedule, and list maintained in the Mathematics, Physics, and Astronomy Advising Center in RLM 4.101.</i>                                |                        |
| <b>One Quantitative Reasoning Flag</b> <input type="checkbox"/>   |                        | <i>Note: Of the 42 upper-division hours required for the degree, 6 hours must be in fields of study other than mathematics, AST, BIO, CH, GEO, and PHY. In addition, PHL courses in logic, CS courses in discrete mathematics, engineering courses, and actuarial foundation courses may not count toward this requirement.</i> |                        |
| <b>One Global Cultures Flag</b> <input type="checkbox"/>  |                        | <b>ELECTIVES</b>  |                        |
| <b>One Cultural Diversity in the U.S. Flag</b> <input type="checkbox"/>   |                        | <b>Enough elective hours to reach 120 total</b>   | <b>VARY</b>            |
| <b>One Ethics and Leadership Flag</b> <input type="checkbox"/>  |                        | (The number of elective hours needed may vary depending on course selections.)  |                        |
| <b>One Independent Inquiry Flag</b> <input type="checkbox"/>  |                        | <b>ADDITIONAL GRADUATION REQUIREMENTS</b>   |                        |
| <b>MATHEMATICS &amp; SCIENCE</b>  |                        | <input type="checkbox"/> Minimum 21 upper-division hours in residence   |                        |
| <b>1 sequence from:</b>   | <b>8</b>               | <input type="checkbox"/> Minimum 18 hours of Mathematics in residence   |                        |
| M 408C* and 408D<br>M 408N and 408S<br>M 408K and 408L<br><i>* M 408N &amp; 408S, or 408K &amp; 408L, may substitute for M 408C</i>       |                        | <input type="checkbox"/> Minimum 60 hours in residence overall  |                        |
| <b>Computer science:</b>  | <b>3</b>               | <input type="checkbox"/> Minimum 42 upper-division hours  |                        |
| CS 303E   |                        | <input type="checkbox"/> 120 hours total overall  |                        |
| <b>8 hours from 1 area:</b>   | <b>8</b>               | <input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses  |                        |
| AST, BIO, CH, GEO, PHY<br><i>Note: course that cannot count toward major requirements in department that offers it cannot be applied.</i> |                        | <input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0   |                        |
| <i>Note: Introductory science is substantially different for Option 6</i>   |                        | <input type="checkbox"/> Must apply to graduate during final semester   |                        |
|   |                        | <input type="checkbox"/> 2022–24 Catalog expires August 2030  |                        |