

<b>CORE CURRICULUM</b>	Minimum Hours Required	<b>OPTION 7: MATHEMATICS</b>	Minimum Hours Required
Core courses must be chosen from approved lists. <a href="http://bit.ly/1d6oP6I">bit.ly/1d6oP6I</a>		<b>3 from:</b> M 408M or 427L, 427J, 341, 362K <i>M 340L may substitute for 341 if the course was completed prior to entry into the mathematics entry-level major.</i>	<b>10–11</b>
<b>First Year Signature Course</b>	<b>3</b>	<b>M 325K or 328K:</b> <i>M 328K is recommended only for students with previous, significant experience in writing proofs.</i>	<b>3</b>
<b>English Composition</b>	<b>3</b>	<b>1 from:</b> M 343K, 361K, 365C, 367K, 373K	<b>3</b>
<b>Humanities</b>	<b>3</b>	<b>21 additional upper-division mathematics*:</b> 325K, 427J or 427K, 427L, 328K, 329F, 333L, 339C, 339D, 339J, 339U, 339V, 339W, 340L or 341, 343K, 343L, 344K, 346, 348, 349P, 349R, 358K, 361, 361K, 362K, 362M, 365C, 365D, 365G, 367K, 367L, 368K, 371E, 372K, 373K, 373L, 374G, 374M, 375D, 378K, and 379H. <i>Mathematics 375, 375C, and 375T may be applied toward this requirement with prior approval of the faculty adviser. M 340L may apply if the course was completed prior to entry into the mathematics entry-level major. Mathematics courses may apply toward only 1 requirement.</i>	<b>21</b>
<b>American &amp; Texas Government</b>	<b>6</b>	<i>*The purpose of this requirement is to ensure that students complete a minimum of 33 upper-division hours in Mathematics. <b>If you will complete 33 upper-division hours in Mathematics without completing 21 hours from this requirement, please visit an academic advisor in the Mathematics, Physics, and Astronomy Advising Center.</b> You might be a candidate for this requirement to be reduced in total hours through a formal petition.</i>	
<b>American History</b>	<b>6</b>	<b>Inquiry based learning (IBL) or II flagged upper-division Math course:</b>	<b>3</b>
<b>Social &amp; Behavioral Science</b>	<b>3</b>	1 upper-division Math course must be approved as an Independent Inquiry flag or taught in the inquiry based learning format (IBL). <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>Mathematics (Fulfilled by course in major)</b>	<b>0</b>	<b>Mathematics in context, 1 additional course from:</b>	<b>3</b>
<b>Science &amp; Technology-I (Fulfilled by courses in major)</b>	<b>0</b>	M 374M; PHY 329, 336K, 352K; CS 341, 342, 345, 346, 353, 367; CH 353, 354; EE 411, 325, 360C, 362K <i>Note: M 374M cannot be counted toward the additional hours of mathematics in previous requirements unless a student completes a different approved course for this requirement.</i>	
<b>Science &amp; Technology-II (Fulfilled by courses in major)</b>	<b>0</b>	<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 be used toward this requirement.</i>	
<b>Visual &amp; Performing Arts</b>	<b>3</b>		
<b>SKILLS &amp; EXPERIENCE FLAGS</b>		<b>ADDITIONAL GRADUATION REQUIREMENTS</b>	
Flags attached to courses are displayed in the online Course Schedule.		<input type="checkbox"/> Minimum 21 upper-division hours in residence	
<b>Two Writing Flags:</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Minimum 18 hours of Mathematics in residence	
1. Core Writing Flag ( <i>cannot also fulfill another core curriculum requirement</i> )		<input type="checkbox"/> Minimum 60 hours in residence overall	
2. Additional Writing Flag <i>Note: One of the two writing flags must be upper-division.</i>		<input type="checkbox"/> Minimum 42 upper-division hours	
<b>One Quantitative Reasoning Flag</b>	<input type="checkbox"/>	<input type="checkbox"/> 120 hours total overall	
<b>One Global Cultures Flag</b>	<input type="checkbox"/>	<input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses	
<b>One Cultural Diversity in the U.S. Flag</b>	<input type="checkbox"/>	<input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0	
<b>One Ethics and Leadership Flag</b>	<input type="checkbox"/>	<input type="checkbox"/> Must apply to graduate during final semester	
<b>One Independent Inquiry Flag</b>	<input type="checkbox"/>	<input type="checkbox"/> 2022–24 Catalog expires August 2030	
<b>MATHEMATICS &amp; SCIENCE</b>			
<b>1 sequence from:</b>	<b>8</b>		
M 408C*, 408D M 408N, 408S M 408K, 408L <i>* M 408N &amp; 408S, or 408K &amp; 408L, may substitute for M 408C</i>			
<b>Computer science:</b>	<b>3</b>		
CS 303E			
<b>8 hours from 1 area:</b>	<b>8</b>		
AST, BIO, CH, GEO, PHY <i>Note: course that cannot count toward major requirements in department that offers it cannot be applied.</i>			
<i>Note: Introductory science is substantially different for Option 6</i>			
<b>ELECTIVES</b>			
<b>Enough elective hours to reach 120 total</b>	<b>VARY</b>		
<i>(The number of elective hours needed may vary depending on course selections.)</i>			