

CORE CURRICULUM	Minimum Hours Required	ASTRONOMY MAJOR	Minimum Hours Required
<p>Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6l</i></p> <p>First Year Signature Course 3</p> <p>English Composition 3</p> <p>Humanities 3</p> <p>American & Texas Government 6</p> <p>American History 6</p> <p>Social & Behavioral Science 3</p> <p>Mathematics 3</p> <p>Science & Technology-I (<i>Fulfilled by courses in major</i>) 0</p> <p>Science & Technology-II 3</p> <p>Visual & Performing Arts 3</p>		<p>Introductory physics: 8</p> <p>PHY 301 & 101L*</p> <p>PHY 316 & 116L*</p> <p>* PHY 303K & 103M and 303L & 103N substitute for 301 & 101L and 316 & 116L. However, they are not preferred preparation for PHY 315 & 115L.</p>	
<p>SKILLS & EXPERIENCE FLAGS</p> <p>Flags attached to courses are displayed in the online Course Schedule.</p> <p>Two Writing Flags: <input type="checkbox"/> <input type="checkbox"/></p> <p>1. Core Writing Flag (<i>cannot also fulfill another core curriculum requirement</i>)</p> <p>2. Additional Writing Flag <i>Note: One of the two writing flags must be upper-division.</i></p> <p>One Quantitative Reasoning Flag <input type="checkbox"/></p> <p>One Global Cultures Flag <input type="checkbox"/></p> <p>One Cultural Diversity in the U.S. Flag <input type="checkbox"/></p> <p>One Ethics and Leadership Flag <input type="checkbox"/></p> <p>One Independent Inquiry Flag <input type="checkbox"/></p>		<p>Wave motion & optics: 4</p> <p>PHY 315 & 115L</p> <p>Upper-division AST: 9</p> <p>2 of the following: AST 352K, 352L, 353, 358, 364 3 additional hours of upper-division AST</p> <p>Upper-division AST and/or PHY: 6</p> <p>6 additional hours of upper-division AST and/or PHY</p> <p>ADDITIONAL COURSEWORK APPROVED BY FACULTY ADVISER 12</p> <p>6 hours (excluding AST, lower-division PHY, lower-division Math, and M 427J or 427K)</p> <p>6 hours of upper-division PHY or 6 hours of upper-division coursework approved by faculty adviser</p> <p><i>Note: A maximum of 6 hours counted toward the major may be conference courses.</i></p> <p><i>Note: Many required courses have prerequisites that are not included in the Astronomy major. Course prerequisites must be met to qualify to take the required courses for the Astronomy major.</i></p>	
<p>FOREIGN LANGUAGE</p> <p>Attainment of an intermediate level of competency in a language other than english by completing 1 of the following:</p> <p>a. certified proficiency on a placement or credit-by-examination test</p> <p>b. a passing grade in a language course listed in the College of Liberal Arts section (page 332)</p> <p>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</p>	6–18	<p>ELECTIVES</p> <p>Enough elective hours to reach 120 total VARY</p> <p>(<i>The number of elective hours needed may vary depending on course selections.</i>)</p>	
<p>SOCIAL SCIENCE</p> <p>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 & behavioral science core requirement. The course must be in a different field of study from the course used to fulfill the social & behavioral science core curriculum requirement.</p>	3	<p>ADDITIONAL GRADUATION REQUIREMENTS</p> <p><input type="checkbox"/> Minimum 18 hours of major in residence, including 6 upper-division hours</p> <p><input type="checkbox"/> Minimum 21 upper-division hours in residence</p> <p><input type="checkbox"/> Minimum 60 hours in residence overall</p> <p><input type="checkbox"/> Minimum 36 upper-division hours</p> <p><input type="checkbox"/> 120 hours total overall</p> <p><input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses</p> <p><input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0</p> <p><input type="checkbox"/> Must apply to graduate during final semester</p> <p><input type="checkbox"/> 2016-18 Catalog expires August 2024</p>	
<p>CULTURAL EXPRESSION, HUMAN EXPERIENCE, AND THOUGHT</p> <p>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.</p>	3		
<p>NATURAL SCIENCE</p> <p>6 hours (<i>Fulfilled by courses in major</i>)</p>	6		