

<b>CORE CURRICULUM</b>	Minimum Hours Required	<b>ASTRONOMY MAJOR</b>	Minimum Hours Required
Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6I</i>		<b>Introductory physics:</b>	<b>8</b>
<b>First Year Signature Course</b>	<b>3</b>	PHY 301 & 101L*	
<b>English Composition</b>	<b>3</b>	PHY 316 & 116L*	
<b>Humanities</b>	<b>3</b>	* PHY 303K & 103M and 303L & 103N substitute for 301 & 101L and 316 & 116L. However, they are not preferred preparation for PHY 315 & 115L.	
<b>American &amp; Texas Government</b>	<b>6</b>	<b>Wave motion &amp; optics:</b>	<b>4</b>
<b>American History</b>	<b>6</b>	PHY 315 & 115L	
<b>Social &amp; Behavioral Science</b>	<b>3</b>	<b>Upper-division AST:</b>	<b>9</b>
<b>Mathematics</b>	<b>3</b>	2 of the following: AST 352K, 352L, 353, 358, 364P	
<b>Science &amp; Technology-I (Fulfilled by courses in major)</b>	<b>0</b>	3 additional hours of upper-division AST	
<b>Science &amp; Technology-II</b>	<b>3</b>	<b>Upper-division AST and/or PHY:</b>	<b>6</b>
<b>Visual &amp; Performing Arts</b>	<b>3</b>	6 additional hours of upper-division AST and/or PHY	
<b>SKILLS &amp; EXPERIENCE FLAGS</b>		<b>ADDITIONAL COURSEWORK APPROVED BY FACULTY ADVISER</b>	<b>12</b>
Flags attached to courses are displayed in the online Course Schedule.		6 hours (excluding AST, lower-division PHY, lower-division Math, and M 427J or 427K)	
<b>Two Writing Flags:</b>	<input type="checkbox"/> <input type="checkbox"/>	6 hours of upper-division PHY or 6 hours of upper-division coursework approved by faculty adviser	
1. Core Writing Flag (cannot also fulfill another core curriculum requirement)		<i>Note: A maximum of 6 hours counted toward the major may be conference courses.</i>	
2. Additional Writing Flag <i>Note: One of the two writing flags must be upper-division.</i>		<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>	
<b>One Quantitative Reasoning Flag</b>	<input type="checkbox"/>	<b>ELECTIVES</b>	<b>VARY</b>
<b>One Global Cultures Flag</b>	<input type="checkbox"/>	<b>Enough elective hours to reach 120 total</b>	
<b>One Cultural Diversity in the U.S. Flag</b>	<input type="checkbox"/>	(The number of elective hours needed may vary depending on course selections.)	
<b>One Ethics and Leadership Flag</b>	<input type="checkbox"/>	<b>ADDITIONAL GRADUATION REQUIREMENTS</b>	
<b>One Independent Inquiry Flag</b>	<input type="checkbox"/>	<input type="checkbox"/> Minimum 18 hours of major in residence, including 6 upper-division hours	
<b>FOREIGN LANGUAGE</b>		<input type="checkbox"/> Minimum 21 upper-division hours in residence	
Attainment of an intermediate level of competency in a language other than english by completing 1 of the following:	<b>6–18</b>	<input type="checkbox"/> Minimum 60 hours in residence overall	
a. certified proficiency on a placement or credit-by-examination test		<input type="checkbox"/> Minimum 36 upper-division hours	
b. a passing grade in a language course listed in the College of Liberal Arts section (page 332)		<input type="checkbox"/> 120 hours total overall	
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		<input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses	
<b>SOCIAL SCIENCE</b>		<input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0	
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.	<b>3</b>	<input type="checkbox"/> 2020–22 Catalog expires August 2028	
<b>CULTURAL EXPRESSION, HUMAN EXPERIENCE, AND THOUGHT</b>			
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.	<b>3</b>		
<b>NATURAL SCIENCE</b>			
6 hours (Fulfilled by courses in major)	<b>6</b>		