

CORE CURRICULUM	Minimum Hours Required	ASTRONOMY MAJOR	Minimum Hours Required
Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6l</i>		Introductory physics:	8
First Year Signature Course	3	PHY 301 & 101L*	
English Composition	3	PHY 316 & 116L*	
Humanities	3	* PHY 303K & 105M and 303L & 105N substitute for 301 & 101L and 316 & 116L. However, they are not preferred preparation for PHY 315 & 115L.	
American & Texas Government	6	Wave motion & optics:	4
American History	6	PHY 315 & 115L	
Social & Behavioral Science	3	Upper-division AST:	9
Mathematics	3	2 of the following: AST 352K, 352L, 353, 358, 364P	
Science & Technology-I (Fulfilled by courses in major)	0	3 additional hours of upper-division AST	
Science & Technology-II	3	Upper-division AST and/or PHY:	6
Visual & Performing Arts	3	6 additional hours of upper-division AST and/or PHY	
SKILLS & EXPERIENCE FLAGS		ADDITIONAL COURSEWORK APPROVED BY FACULTY ADVISER	12
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)	
Two Writing Flags:	<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>	
One Quantitative Reasoning Flag	<input type="checkbox"/>	ELECTIVES	VARY
One Global Cultures Flag	<input type="checkbox"/>	Enough elective hours to reach 120 total	
One Cultural Diversity in the U.S. Flag	<input type="checkbox"/>	(The number of elective hours needed may vary depending on course selections.)	
One Ethics and Leadership Flag	<input type="checkbox"/>	ADDITIONAL GRADUATION REQUIREMENTS	
One Independent Inquiry Flag	<input type="checkbox"/>	<input type="checkbox"/> Minimum 18 hours of major in residence, including 6 upper-division hours	
FOREIGN LANGUAGE		<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:	6–18	<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	
SOCIAL SCIENCE		<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.	3	<input type="checkbox"/> Must apply to graduate during final semester	
CULTURAL EXPRESSION, HUMAN EXPERIENCE, AND THOUGHT		<input type="checkbox"/> 2022–24 Catalog expires August 2030	
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.	3		
NATURAL SCIENCE			
6 hours (Fulfilled by courses in major)	6		