

Suggested Arrangement of Courses, Astronomy (BSA)

Requirements		Hours
1st Semester		
M 408C	Differential and Integral Calculus (Core, Major) ⁰²⁰	4
Secondary Science course (Core, Major) ⁰⁹³		3
RHE 306	Rhetoric and Writing (Core) ⁰¹⁰	3
UGS 302	First-Year Signature Course (Core) ⁰⁹⁰	3
or UGS 303	First-Year Signature Course	
Social and Behavioral Sciences (Core) ⁰⁸⁰		3
2nd Semester		
M 408D	Sequences, Series, and Multivariable Calculus (Major) ⁰³⁰	4
PHY 301	Mechanics (Core, Major) ⁰³⁰	3
PHY 101L	Laboratory for Physics 301 (Major)	1
Language, Arts, and Culture course (General Education)		3
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
Free elective (Elective)		3
3rd Semester		
M 427J	Differential Equations with Linear Algebra (Major)	4
PHY 316 & PHY 116L	Electricity and Magnetism and Laboratory for Physics 316 (Core, Major) ⁰³⁰	4
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
Minor/Certificate course (Major)		3
4th Semester		
PHY 315 & PHY 115L	Wave Motion and Optics and Laboratory for Physics 315 (Major)	4
Upper-division Secondary Science course (Major)		3
Language, Arts, and Culture course (General Education)		3
Minor/Certificate course (Major)		3
5th Semester		
AST 351	Astronomical Instrumentation	3
or AST 352K	Stellar Astronomy	
or AST 353	Astrophysics	
or AST 358	Galaxies and the Universe	
or AST 364P	Planetary Systems	
or AST 376	Special Topics in Advanced Astronomy	
or AST 376C	Cosmology	
or AST 376R	A Practical Introduction to Research Methods	
Upper-division Secondary Science course (Major)		3
Language, Arts, and Culture course (General Education)		3
U.S. History (Core) ⁰⁶⁰		3
Minor/Certificate course (Major)		3
6th Semester		

AST 351	Astronomical Instrumentation (Major)	3
or AST 352K	Stellar Astronomy	
or AST 353	Astrophysics	
or AST 358	Galaxies and the Universe	
or AST 364P	Planetary Systems	
or AST 376	Special Topics in Advanced Astronomy	
or AST 376C	Cosmology	
or AST 376R	A Practical Introduction to Research Methods	
Upper-division Secondary Science course (Major)		3
Language, Arts, and Culture course (General Education)		3
Minor/Certificate course (Major)		3
Free elective (Elective)		3
7th Semester		
AST 351	Astronomical Instrumentation (Major)	3
or AST 352K	Stellar Astronomy	
or AST 353	Astrophysics	
or AST 358	Galaxies and the Universe	
or AST 364P	Planetary Systems	
or AST 376	Special Topics in Advanced Astronomy	
or AST 376C	Cosmology	
or AST 376R	A Practical Introduction to Research Methods	
Minor/Certificate course (Major)		3
U.S. History (Core) ⁰⁶⁰		3
Visual and Performing Arts (Core) ⁰⁵⁰		3
Free elective (Elective)		3
8th Semester		
Upper-division Secondary Science course (Major)		3
E 316L	British Literature (Core) ⁰⁴⁰	3
or E 316M	American Literature	
or E 316N	World Literature	
or E 316P	Masterworks of Literature	
Free elective (Elective)		3
Free elective (Elective)		3
Free elective (Elective)		3
Total Hours		120

Four-year degree suggestion (for planning purposes only).

Currently enrolled students should meet with their academic advisor.

Course categories: Core, General Education[†], Major, Elective, Opportunity

Core Component Areas: ⁰¹⁰ Communication; ⁰²⁰ Mathematics; ⁰³⁰ Natural Science and Technology, Part I; ⁰⁴⁰ Humanities; ⁰⁵⁰ Visual and Performing Arts; ⁰⁶⁰ U.S. History; ⁰⁷⁰ American and Texas Government; ⁰⁸⁰ Social and Behavioral Sciences; ⁰⁹⁰ First-Year Signature Course; ⁰⁹³ Natural Science and Technology, Part II

Undergraduate Degree Program listing

[†] Effective April 2025, UT Austin no longer requires Skills and Experience flags.