

Suggested Arrangement of Courses, Astronomy (BSAst)

Requirements		Hours
1st Semester		
M 408C	Differential and Integral Calculus (Core, Major) ⁰²⁰	4
or M 408N	Differential Calculus for Science	
AST 307	Introductory Astronomy (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)	4
PHY 301	Mechanics (Core, Major) ⁰³⁰	3
PHY 101L	Laboratory for Physics 301 (Major)	1
BIO, CH, C S, or GEO course (Major)		3
Visual and Performing Arts (Core) ⁰⁵⁰		3
Free elective (Elective)		2
3rd Semester		
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
4th Semester		
M 427J	Differential Equations with Linear Algebra (Major)	4
PHY 316	Electricity and Magnetism (Core, Major) ⁰³⁰	3
PHY 116L	Laboratory for Physics 316 (Major)	1
BIO, CH, C S, or GEO course (Major)		3
Foreign Language/Culture (General Education)		3
5th Semester		
M 427L	Advanced Calculus for Applications II (Major)	4
PHY 315 & PHY 115L	Wave Motion and Optics and Laboratory for Physics 315 (Major)	4
PHY 355	Modern Physics and Thermodynamics (Major)	3
Foreign Language/Culture (General Education)		3
6th Semester		
Upper-division Math course (Major)		3
AST 352K	Stellar Astronomy (Major)	3
or AST 364P	Planetary Systems	
PHY 353L	Modern Physics Laboratory (Major)	3
AST 375	Topics in Astronomy Research (Major)	3
or AST 275	Topics in Astronomy Research	
or AST 376R	A Practical Introduction to Research Methods	
U.S. History (Core) ⁰⁶⁰		3

7th Semester		
PHY 336K	Classical Dynamics (Major)	3
PHY 373	Quantum Physics I: Foundations (Major)	3
AST 353	Astrophysics (Major)	3
U.S. History (Core) ⁰⁶⁰		3
Free elective (Elective)		3
8th Semester		
PHY 369	Thermodynamics and Statistical Mechanics (Major)	3
PHY 352K	Classical Electrodynamics I (Major)	3
AST 358	Galaxies and the Universe (Major)	3
or AST 376C	Cosmology	
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
Free elective (Elective)		3
9th Semester		
Upper-division AST, PHY, M, or GEO course (Major)		3
Upper-division AST, PHY, M, or GEO course (Major)		3
Upper-division AST 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
Total Hours		123

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.