

Suggested Arrangement of Courses, Computer Science (BSA)

Requirements		Hours
1st Semester		
C S 312	Introduction to Programming (Core, Major) ⁰⁹³	3
M 408C	Differential and Integral Calculus (Core, Major) ⁰²⁰	4
or M 408N	Differential Calculus for Science	
Social and Behavioral Sciences (Core) ⁰⁸⁰		3
Visual and Performing Arts (Core) ⁰⁵⁰		3
UGS 302	First-Year Signature Course (Core) ⁰⁹⁰	3
or UGS 303	First-Year Signature Course	
2nd Semester		
C S 311	Discrete Mathematics for Computer Science (Major)	3
C S 314	Data Structures (Major)	3
Language, Arts, and Culture (General Education)		3
RHE 306	Rhetoric and Writing (Core) ⁰¹⁰	3
M 408S	Integral Calculus for Science (Major)	4
3rd Semester		
C S 429	Computer Organization and Architecture (Major)	4
SDS 321	Introduction to Probability and Statistics (Major)	3
or M 362K	Probability I	
U.S. History (Core) ⁰⁶⁰		3
Language, Arts, and Culture (General Education)		3
Minor/Certificate course (Major)		3
4th Semester		
C S 439	Principles of Computer Systems (Major)	4
M 340L	Matrices and Matrix Calculations (Major)	3
U.S. History (Core) ⁰⁶⁰		3
Minor/Certificate course (Major)		3
Free elective (Elective)		2
5th Semester		
C S 331	Algorithms and Complexity (Major)	3
Natural Science and Technology, Part I (Core, Major) ⁰³⁰		3
Minor/Certificate course (Major)		3
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
E 316L	British Literature (Core) ⁰⁴⁰	3
or E 316M	American Literature	
or E 316N	World Literature	
or E 316P	Masterworks of Literature	
6th Semester		
Upper-division C S course (Major)		3
Natural Science and Technology, Part I (Core, Major) ⁰³⁰		3

Minor/Certificate course (Major)		3
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
Free elective (Elective)		3
7th Semester		
Upper-division C S course (Major)		3
Language, Arts, and Culture (General Education)		3
Minor/Certificate course (Major)		3
Minor/Certificate course (Major)		3
Free elective (Elective)		3
8th Semester		
Upper-division C S course (Major)		3
Upper-division C S course (Major)		3
Language, Arts, and Culture (General Education)		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.