

Suggested Arrangement of Courses, Chemistry (BSCh)

Requirements		Hours
1st Semester		
CH 301C	Foundations of Chemistry I (Core, Major) ⁰³⁰	3
M 408N	Differential Calculus for Science (Core, Major) ⁰²⁰	4
or M 408C	Differential and Integral Calculus	
BIO 311C	Introductory Biology I (Major)	3
Visual and Performing Arts (Core) ⁰⁵⁰		3
UGS 302	First-Year Signature Course (Core) ⁰⁹⁰	3
2nd Semester		
CH 302C	Foundations of Chemistry II (Major) ⁰³⁰	3
CH 317	Descriptive Inorganic Chemistry (Major)	3
M 408S	Integral Calculus for Science (Major)	4
or M 408D	Sequences, Series, and Multivariable Calculus	
Social and Behavioral Sciences (Core) ⁰⁸⁰		3
U.S. History (Core) ⁰⁶⁰		3
3rd Semester		
CH 328M & CH 128K	Organic Chemistry I and Organic Chemistry Laboratory (Major)	3
or CH 320M	Organic Chemistry I	
PHY 301 & PHY 101L	Mechanics and Laboratory for Physics 301 (Major) ⁰³⁰	4
M 427J	Differential Equations with Linear Algebra (Major)	4
RHE 306	Rhetoric and Writing (Core) ⁰¹⁰	3
4th Semester		
CH 328N & CH 128L	Organic Chemistry II and Organic Chemistry Laboratory (Major)	4
or CH 320N & CH 220C	Organic Chemistry II and Organic Chemistry Laboratory	
PHY 316 & PHY 116L	Electricity and Magnetism and Laboratory for Physics 316 (Major) ⁰³⁰	4
Statistics course (Major)		3
Free elective (Elective)		3
5th Semester		
CH 353	Physical Chemistry I (Major)	3
BCH 339F	Foundations of Biochemistry (Major)	3
Focus Area Elective 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	
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
6th Semester		
CH 153K	Physical Chemistry Laboratory (Major)	1
CH 354	Quantum Chemistry and Spectroscopy (Major)	3
BCH 370	Physical Methods of Biochemistry (Major)	3
Focus Area Elective course (Major)		3
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
Free elective (Elective)		3
7th Semester		
CH 456	Analytical Chemistry (Major)	4
CH 154K	Physical Chemistry Laboratory (Major)	1
U.S. History (Core) ⁰⁶⁰		3
Focus Area Elective course (Major)		3
Free elective (Elective)		3
8th Semester		
CH 376K	Advanced Analytical Chemistry (Major)	3
CH 378L	Capstone Research and Thesis (Major)	3
Focus Area Elective course (Major)		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.