

Suggested Arrangement of Courses, Biochemistry (BSBioch)

Requirements		Hours
1st Semester		
M 408C	Differential and Integral Calculus (Core, Major) ⁰²⁰	4
CH 301	Principles of Chemistry I (Core, Major) ⁰³⁰	3
BIO 311C	Introductory Biology I (Core, Major) ⁰⁹³	3
UGS 302	First-Year Signature Course (Core) ⁰⁹⁰	3
or UGS 303	First-Year Signature Course	
Visual and Performing Arts (Core) ⁰⁵⁰		3
2nd Semester		
M 408D	Sequences, Series, and Multivariable Calculus (Major)	4
CH 302	Principles of Chemistry II (Core, Major) ⁰³⁰	3
BIO 311D	Introductory Biology II (Major)	3
CH 204	Introduction to Chemical Practice (Major)	2
RHE 306	Rhetoric and Writing (Core) ⁰¹⁰	3
3rd Semester		
BIO 325	Genetics (Major)	3
CH 320M	Organic Chemistry I (Major)	3
SDS 320E	Elements of Statistics (Major)	3
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
U.S. History (Core) ⁰⁶⁰		3
4th Semester		
BCH 339F	Foundations of Biochemistry (Major)	3
BCH 219L	Introduction to Biochemical Laboratory Practices and Skills (Major)	2
C S 303E	Elements of Computers and Programming (Major)	3
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
U.S. History (Core) ⁰⁶⁰		3
5th Semester		
PHY 317K & PHY 105M	General Physics I and Laboratory For Physics 302K, 303K, and 317K (Major)	4
MBS 344	Molecular Biology (Major)	3
BCH 370	Physical Methods of Biochemistry (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	
Upper-division BCH, BIO, CH, C S, NEU, or SDS course (Major)		3

6th Semester		
PHY 317L & PHY 105N	General Physics II and Laboratory For Physics 302L, 303L, and 317L (Elective)	4
BCH 339J	Chemical and Synthetic Biology	3
BCH 339N	Systems Biology and Bioinformatics	3
Social and Behavioral Sciences (Core) ⁰⁸⁰		3
Upper-division BCH, BIO, CH, C S, NEU, or SDS course (Major)		3
7th Semester		
BCH 339M	Structure and Function of Molecular Machines (Major)	3
CH 455	Fundamentals of Analytical Chemistry (Major)	4
Upper-division BCH, BIO, CH, C S, NEU, or SDS course (Major)		3
Upper-division BCH, BIO, CH, C S, NEU, or SDS course (Major)		3
Free elective (Elective)		2
8th Semester		
BCH 368W	Supervised Literature Review (Major)	3
or BCH 368R	Supervised Capstone Research	
CH 353M	Physical Chemistry I for Life Sciences	3
BCH 175C	Biochemistry Capstone Seminar (Major)	1
Upper-division BCH, BIO, CH, C S, NEU, or SDS course (Major)		3
Upper-division BCH, BIO, CH, C S, NEU, or SDS course (Major)		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.