

Suggested Arrangement of Courses, Biology (BSBio), Microbiology and Infectious Diseases

Requirements		Hours
1st Semester		
M 408C	Differential and Integral Calculus (Core) ⁰²⁰	4
or M 408N	Differential Calculus for Science	
CH 301	Principles of Chemistry I (Major)	3
or CH 301C	Foundations of Chemistry I	
BIO 311C	Introductory Biology I (Core, Major) ⁰⁹³	3
UGS 302	First-Year Signature Course (Core) ⁰⁹⁰	3
2nd Semester		
M 408S	Integral Calculus for Science (Major)	4
CH 302	Principles of Chemistry II (Major)	3
or CH 302C	Foundations of Chemistry II	
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		
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
MBS 320	Cell Biology (Major)	3
MBS 326R	General Microbiology (Major)	3
MBS 330	Molecular Biology of Animal Viruses (Major)	3
MBS 339M	Bacterial Behavior and Signaling Mechanisms (Major)	3
4th Semester		
CH 320M	Organic Chemistry I (Major)	3
Social and Behavioral Sciences (Core) ⁰⁸⁰		3
MBS 226L	General Microbiology Laboratory (Major)	2
MBS 360K	Immunology (Major)	3
Free elective (Elective)		1
5th Semester		
INB 370	Evolution (Major)	3
Upper-division BIO course (Major)		3
MBS 361	Human Infectious Diseases (Major)	3
MBS 366	Microbial Genetics (Major)	3
Visual and Performing Arts (Core) ⁰⁵⁰		3
6th Semester		
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
BIO 325	Genetics (Major)	3
7th Semester		

PHY 302K & PHY 102M	General Physics Technical Course: Mechanics, Heat, and Sound and Laboratory for Physics 302K (Major)	4
BCH 369	Fundamentals 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	
MBS 360K	Immunology (Major)	3
8th Semester		
PHY 302L & PHY 102N	General Physics Technical Course: Electricity and Magnetism, Light, Atomic and Nuclear Physics and Laboratory for Physics 302L (Elective)	4
SDS 320E	Elements of Statistics (Major)	3
MBS 361	Human Infectious Diseases (Major)	3
MBS 366	Microbial Genetics (Major)	3
9th Semester		
MBS 361L	Clinical Bacteriology Laboratory (Major)	3
MBS 230L	Virology Laboratory (Major)	2
or MBS 260L	Immunology Laboratory	
U.S. History (Core) ⁰⁶⁰		3
10th Semester		
Upper-division BIO course (Major)		3
MBS 368R	Supervised Capstone Research (Major)	3
MBS 175C	Capstone Seminar (Major)	1
U.S. History (Core) ⁰⁶⁰		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.