BIOCHEMISTRY, BS

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
General Education and/or Elective courses		7
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114	College Physics I (LN)	4
General Education courses		3
	Hours	**15**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3033 or PBIO 2403	Cell and Molecular Biology or Introduction to Plant Molecular Biology	3
PHYS 1214	College Physics II (LN)	4
General Education, Major Requirements, or Elective course		3
	Hours	**15**
Junior		
Fall		
BIOC 3713	Biochemistry I	3
CHEM 2113	Principles of Analytical Chemistry	3
BIOL 3023 or ANSI 3423 or PLNT 3554	General Genetics or Animal Genetics or Plant Genetics and Biotechnology	3
College and Elective courses		6
	Hours	**15**
Spring		
BIOC 3813	Biochemistry II	3
BIOL 3204 or BIOL 1604 or PBIO 1404	Physiology or Animal Biology or Plant Biology (LN)	4
CHEM 4990	Special Problems in Chemistry	1
General Education, Major Requirements, or Elective courses		6
	Hours	**14**
Senior		
Fall		
BIOC 3223 or CHEM 3413 or CHEM 3433	Physical Chemistry for Biologists or Physical Chemistry Applications or Physical Chemistry I	3
CHEM 4990	Special Problems in Chemistry	1
Major, College, and Elective courses		12
	Hours	**16**
Spring		
BIOC 4883 or CHEM 4123 or CHEM 4313 or MICR 4233	Senior Seminar in Biochemistry or Biomolecular Chemistry and Function or Medicinal Organic Chemistry or Advanced Cell and Molecular Biology	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

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Speak with your academic advisor about pairing General Education (H) and (S) courses with General Education International (I) and Diversity (D) dimensions.