CHEMISTRY: PRE-HEALTH, 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		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education and 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
Major, College, and Elective courses		7
	Hours	**15**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		6
	Hours	**15**
Junior		
Fall		
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
BIOL 3204	Physiology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
STAT 3023 or STAT 2013 or STAT 4013	Statistical Reasoning for Medical Applications (A) or Elementary Statistics (A) or Statistical Methods I (A)	3
	Hours	**14**
Spring		
BIOC 3653	Survey of Biochemistry	3
CHEM 3353 or CHEM 3363	Descriptive Inorganic Chemistry or Bioinorganic Chemistry	3
CHEM 3353 and CHEM 3363 offered every other spring semester		
CHEM 4990	Special Problems in Chemistry	2
Major, College, and Elective courses		6
	Hours	**14**
Senior		
Fall		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
Major and Elective courses		12
	Hours	**17**
Spring		
CHEM 3413	Physical Chemistry Applications	3
Major and Elective courses		12
	Hours	**15**
	Total Hours	**120**

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