

PHYSIOLOGY: PRE-MEDICAL SCIENCES, 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		
First Year Seminar		1
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education courses		5
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		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
General Education or Elective courses		2
Hours		15
Spring		
CHEM 3153 & CHEM 3112	Organic Chemistry II and Organic Chemistry Laboratory	5
PHYS 1114	College Physics I (LN)	4
General Education courses		6
Hours		15
Junior		
Fall		
BIOC 3653	Survey of Biochemistry	3
BIOL 3204	Physiology	4
PHYS 1214	College Physics II (LN)	4
Major or Elective courses		4
Hours		15
Spring		
BIOL 4215	Mammalian Physiology	5
MICR 3033	Cell and Molecular Biology	3
UNIV 3511	Health Profession School Preparation (Suggested)	1
Major or Elective courses		6
Hours		15
Senior		
Fall		
BIOL 3023	General Genetics	3
BIOL 4223	Mammalian Physiology Capstone Laboratory	3

Major or General Education courses		9
Hours		15
Spring		
BIOL 3034	General Ecology	4
BIOL 3214	Human Anatomy	4
BIOL 4133	Evolution	3
Major or General Education courses		4
Hours		15
Total Hours		120