



Biology Major:
Pre-Med and Health
Academic Plan of Study
2021-2022 Catalog

Name: _____ Student ID #: _____ Date: _____

University Studies Requirements

Core Courses *completed within first 60 credits

Course	Credits	Grade	Planned to Take
WRIT 102 College Writing II _____	3	_____	_____
WRIT 209 Business and Professional Writing _____	3	_____	_____
HHP 102 Wellness and a Positive Lifestyle _____	3	_____	_____
COMM 110 Intro to Speech Communications _____	3	_____	_____
MATH/CSCI _____	3-4	_____	_____

Humanities

Course	Course Title	Credits	Grade	Planned to Take
History _____		3	_____	_____
Literature _____		3	_____	_____
World Language, Culture, & Philosophy _____		3	_____	_____

Social Science (6 cr) *must include 2 different prefixes*

Course	Course Title	Credits	Grade	Planned to Take
Course 1 _____		3	_____	_____
Course 2 _____		3	_____	_____

Natural & Physical Sciences

Course	Course Title	Credits	Grade	Planned to Take
Environmental _____		2	_____	_____
Lab _____		4	_____	_____

Fine & Applied Arts

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation _____		3	_____	_____
Aesthetic Experience _____		3	_____	_____

Global Awareness & Diversity *may be fulfilled through other University Studies categories

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness _____		3	_____	_____
Diversity _____		3	_____	_____

Biology Major Requirements

35 total biology credits plus 9 chemistry required to include:

Biology required courses (20 credits required):

Course	Course Title	Credits	Grade	Planned to Take
BIOL 130	Principles of Biology I Human Anatomy and	4		
BIOL 270	Physiology I Human Anatomy and	4		
BIOL 280	Physiology II	4		
BIOL 330	Genetics	4		
BIOL 440	Cell Biology	4		

Biology Elective courses (13 credits required):

Course	Course Title	Credits	Grade	Planned to Take
BIOL 132	Principles of Biology II	4		
BIOL 316	Medical Terminology	2		
BIOL 318	Immunology	3		
BIOL 355	Microbiology	4		
BIOL 360	Parasitology	4		
BIOL 380	Vertebrate Biology	4		
BIOL 399	Cancer Biology	3		
BIOL 405	Neurobiology	3		
BIOL 431	Animal Behavior (Ethology)	3		

Senior Experience required courses (2 credits required):

Course	Course Title	Credits	Grade	Planned to Take
BIOL 497	Senior Experience and one of the following:	1		
BIOL 491	Research in Biology	1-4		
BIOL 496	Internship	1-4		

Chemistry required courses (3 credits required):

Course	Course Title	Credits	Grade	Planned to Take
CHEM 105	General Chemistry I	5		
CHEM 106	General Chemistry II	4		

Math course requirement (3 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 113	Algebra with Applications or	3		
MATH 115	Precalculus or	5		
MATH 240	Calculus and Analytical Geometry I	4		

Pre-Medicine and Health Professions recommended courses:

Students should work closely with their advisor when choosing elective credits.

Course	Course Title	Credits	Grade	Planned to Take
PHYS 107	Algebra-Based Physics I	4		
PHYS 108	Algebra-Based Physics II	4		
CHEM 320	Organic Chemistry I	5		
CHEM 321	Organic Chemistry II	5		
CHEM 360	Introduction to Biochemistry	3		
MATH 240	Calculus and Analytic Geometry	4		