

Curriculum Guide: Human Biology Major with Health Science Emphasis

An example: Four year plan for **Human Biology Major with Health Science Emphasis**

This is a representative plan. Check with your advisor to see that your plan meets the requirements for this emphasis.

120 credits necessary to graduate.

Course	Title	Credits
Freshman		
Fall		
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	4
CHEM 207	Laboratory Safety	1
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory	5
MATH 104	Precalculus	4
	Credits	14
Spring		
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory	5
ENG COMP 105	English Composition II: Composition and Rhetoric	3
HUM BIOL 204	Anatomy and Physiology	5
MATH 260	Introductory Statistics	4
	Credits	17
Sophomore		
Fall		
BIOLOGY 302	Principles of Microbiology	4
CHEM 302 & CHEM 304	Organic Chemistry I and Organic Chemistry Laboratory I	4
COMM 133 or ENGLISH 104	Fundamentals of Public Address (or Modern Language) or Introduction to Literature	3
General Ed		3
	Credits	14
Spring		
BIOLOGY 303 or HUM BIOL 310	Genetics or Human Genetics	3
CHEM 303 & CHEM 305	Organic Chemistry II and Organic Chemistry Laboratory II	4
Modern Language (if using this for requirement) or General Ed Elective		3
	Credits	3
	Credits	13
Junior		
Fall		
CHEM 330	Biochemistry	3
HUM BIOL 402	Human Physiology	3
PHYSICS 103	Fundamentals of Physics I	5
Human Biology Upper Level Lab		1-2

General Ed		3
	Credits	15-16
Spring		
NUT SCI 300	Human Nutrition	3
PHYSICS 104	Fundamentals of Physics II	5
General Ed		3
Elective		3
	Credits	14
Senior		
Fall		
Human Biology Upper Level Elective		3
Human Biology Upper Level Lab		1-2
General Ed		3
General Ed		3
Elective		3
Elective		3
	Credits	16-17
Spring		
Human Biology Upper Level Elective		3
Capstone		1-3
General Ed		3
Elective		3
Elective		3
	Credits	13-15
	Total Credits	116-120