

Biomedical Sciences

Degree Type

Minor

Minor Requirements

Students enrolled in the Biomedical Sciences minor are students interested in post-graduate programs in a wide variety of healthcare fields including medicine, veterinary medicine, dentistry, optometry, physical and occupational therapy, physician's assistant and medical lab science. Students would tailor the minor, in consultation with their advisor, to ensure they select the courses needed for their post baccalaureate goals.

Required Courses:

Course Code	Title	Credits
BIOL-210	Pre-Health Seminar	1

(pre-requisites are sophomore level and 2.8 GPA)

Physical & Chemical Science Sequence:

Choose one of the following groups:

Course Code	Title	Credits
CHEM-125	Fundamentals of Inorganic Chemistry	4
CHEM-250	Fundamental Organic Chemistry	4

Course Code	Title	Credits
CHEM-305	Organic Chemistry I	4
CHEM-306	Organic Chemistry II	4

Course Code	Title	Credits
PHYS-218	College Physics I	4
PHYS-219	College Physics II	4

Course Code	Title	Credits
PHYS-221	General Physics I	4
PHYS-222	General Physics II	4

Cell & Molecular Electives:

Choose any two courses:

Course Code	Title	Credits
	Biochemistry I & Biochemistry II	3-4
BIOL-309	Genetics	4
	Animal Physiology & Human Physiology	4
BIOL-325	Molecular Biology of the Cell	4

Biomedical Science Electives:

Choose any two courses:

Course Code	Title	Credits
BIOL-302X	Medical Terminology	3
BIOL-305	Introduction to Human Anatomy	4
BIOL-308	Domestic Animal Nutrition	3
BIOL-310	Histology	4
BIOL-320	Developmental Biology	3
BIOL-400	Microbiology	4
BIOL-410	Immunology	4
BIOL-412	Comparative Vertebrate Anatomy	4
BIOL-440	Animal Behavior	4
CHEM-362	Medicinal Chemistry	3

NOTE: Only one of the courses from each elective category can overlap with a major or any other minor.

Total Credits	22-25
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