

Biomedical Sciences (B.S.)

Major Requirements **Credit Hours: 57**

Required Biology Hours **24**

BIOL 1101	Orientation to Biology	1
BIOL 1214	Fundamentals of Biology	4
BIOL 2003	Human Anatomy and Physiology I	3
BIOL 2041	Human Anatomy and Physiology I Lab	1
BIOL 2103	Human Anatomy and Physiology II	3
BIOL 2141	Human Anatomy and Physiology II Lab	1
BIOL 2314	Introductory Microbiology or	4
BIOL 3114	General Microbiology	(4)
BIOL 2852	Medical Vocabulary	2
BIOL 3003	Genetics	3
BIOL 4502	Biology Capstone	2

Elective Biology Hours **16**

Select from the following, including two to six credit hours in BIOL-prefix Directed Study, Research, or Internship courses.

BIOL 2214	General Botany	4
BIOL 2414	General Zoology	4
BIOL 3041	Genetics Laboratory	1
BIOL 3113	Histology	3
BIOL 3213	Comparative Anatomy	4
BIOL 3414	Comparative Physiology	4
BIOL 3714	General Biochemistry	4
BIOL 4114	Animal Behavior	4
BIOL 4314	Pathogenic Microbiology and Immunology	4
BIOL 4403	Advanced Biochemistry	3
BIOL 3851-8	Directed Study	1-8
BIOL 4851-8	Directed Study	1-8
BIOL 4881-8	Internship	1-8
BIOL 4991-8	Research	1-8

Required Ancillary Hours **17**

CHEM 1104	General Chemistry I	4
CHEM 1141	General Chemistry I Lab	1
CHEM 1204	General Chemistry II	4
CHEM 1241	General Chemistry II Lab	1
CHEM 3103	Organic Chemistry I	3
PHYS 1503	General Physics I or	3
PHYS 2104	University Physics I	(4)
PHYS 1541	General Physics I Lab or	1
PHYS 2141	University Physics I Lab	(1)