

230 Department of Science and Mathematics

BACHELOR OF SCIENCE BIOLOGY

Students are required to take BIOL 101, BIOL 102 and MATH 102 as part of their General Education requirements to enhance their success in the program.

General Education Requirements **43 hours**

Biology Major Requirement **40 hours**

BIOL 101	General Biology I	
BIOL 305	General Botany	4
BIOL 309	Human Anatomy and Physiology I	4
BIOL 335	Cell Physiology	4
BIOL 361	Microbiology	4
BIOL 400	Ecology and Field Biology	4
BIOL 456	Genetics	4
BIOL 499	Individual Research Problems	3
Biology Electives*		9
CHEM 301	Organic Chemistry I	4

Science Requirement **27 hours**

BIOL 102	Introduction to Cellular Biology**	
BIOL 203	Plant Disease and Insect Control (OR)	
BIOL 205	Invertebrate Zoology (OR)	
BIOL 206	Vertebrate Zoology	3-4
BIOL 293	Techniques of Science	2
BIOL 493	Senior Seminar	2
CHEM 101	General Chemistry I	4
CHEM 102	General Chemistry II	4
MATH 102	College Algebra	
MATH 256	Probability and Statistics I	3
PHYS 201	General Physics I	4
PHYS 202	General Physics II	4

Minor **18-24 hours**

Total minimum hours required for degree **128 hours**

*Biology Electives cannot include more than eight hours of Special Topics courses (BIOL 399 or BIOL 499) and electives must be 300 or 400 level.

**No more than 8 hours of 300 or 400 level biology may be attempted before the successful completion of Biology 102 and Biology 293.

Students must achieve a minimum grade point average of 2.2 in the Biology Major Requirements for Graduation.

Successful completion of the Gateway and Capstone Assessment courses requires a minimum grade of “C” in each course.

GATEWAY ASSESSMENT - BIOL 293

CAPSTONE ASSESSMENT - BIOL 493