

**Fall 2019**  
**Bachelor of Science in Biology**  
**Specialization in Pre-Health Biology**

**BG Perspective (BGP) Requirements**

**Must complete at least 1 course in each of the following:**

English Composition and Oral Communication	
Course	Credits
_____	_____
Quantitative Literacy	
_____	_____

**Must Complete at least 2 courses in each of the following:**

Humanities and the Arts	
_____	_____
_____	_____
Natural Sciences - at least one Lab Science required	
_____	_____
_____	_____
Social and Behavioral Sciences	
_____	_____
_____	_____

**Complete total required BGP credit hours by selecting courses from any of the above categories:**

_____	_____
_____	_____
_____	_____

**University Requirements** Designated courses in Humanities and the Arts and the Social and Behavioral Sciences domains may be used to fulfill both the BGP requirement and one of the following university requirements:

Cultural Diversity in the US	_____
International Perspective	_____

**Composition Requirement:**

WRIT 1120 Research Writing	_____
<i>Total BGP Credits: Must be at least 36</i>	_____

**Arts & Sciences Requirements**

**Foreign Language** (\_\_\_\_ yrs of HS\_\_\_\_)

_____	1010	_____
_____	1020	_____
_____	2010	_____
_____	2020/2120	_____

**Lab Science**

_____	_____	_____
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**Quantitative Literacy**

\_\_\_\_\_ EITHER MATH 1310 OR MATH 1340 & MATH 1350

**Multidisciplinary Component** Select from approved offerings, in consultation with an advisor and a faculty mentor. Four courses total, each with a different subject prefix. At least two courses at 3000/4000 level. Courses applied to the Arts & Sciences MDC may not be used to fulfill other Arts and Sciences degree requirements, nor may they be used to fulfill major, minor, BGP or other program requirements.

_____	_____	_____
_____	_____	_____
_____	_____	_____

**Major Requirements (47-49 Hrs.) Minor Required**

**Biology Core (16 hours)**

Hrs	Grade	
1	_____	BIOL 2000 Biology Today
4	_____	BIOL 2040 Concepts in Biology I
4	_____	BIOL 2050 Concepts in Biology II
4	_____	BIOL 3500 Genetics
3	_____	BIOL 3510 Evolution

**Pre-Health Biology Specialization (31-33 Hrs.)**

4	_____	BIOL 3130 Microbiology
8	_____	BIOL 3310 Anatomy and Physiology I <b>AND</b> BIOL 3320 Anatomy and Physiology II
3-4	_____	BIOL 4200 Animal Behavior <b>OR</b> BIOL 4490 Epidemiology
3	_____	BIOL 4390 Immunobiology <b>OR</b> BIOL 4080 Molecular Biology
4	_____	PSYC 1010 General Psychology
3	_____	SOC 1010 Principles of Sociology
3-4	_____	MATH 1150 Introduction to Statistics <b>OR</b> STAT 2000 Using Statistics <b>OR</b> PSYC 2700 Quantitative Methods I <b>OR</b> SOC 2690 Introductory Statistics
3	_____	ECON 2020 Principles of Microeconomics

**Biology Electives (10 Hrs.)**

To reach the total of ten (10) hours of Biology at the 4000-Level, select from list below. Courses listed in the Pre-Health Biology Specialization may count towards this requirement.

- BIOL 4010 Introduction to Biological Research (1-4)
- BIOL 4050 General Parasitology (4)
- BIOL 4060 Medical Entomology (3)
- BIOL 4070 Cell Biology (4)
- BIOL 4110 Animal Physiology (4)
- BIOL 4180 Neurophysiology (3)
- BIOL 4210 Molecular Biotechnology (3)
- BIOL 4260 Pathogenic Microbiology (3)
- BIOL 4310 Developmental Biology (3)
- BIOL 4400 Molecular Neurobiology (3)
- BIOL 4430 Microbial Physiology (3)
- BIOL 4620 Principles of Biometry (3)
- BIOL 4660 Genomics (3)
- BIOL 4700 Readings in Biological Sciences (1)
- BIOL 4890 Biology Internship (1-3)

_____	_____	_____
_____	_____	_____

**Additional Requirements and Minor required.** Please see the next page for these requirements.

