



# BIOLOGY MAJOR

## General Biology Concentration

*Continued from previous page*

**One (1) Course from the following Group C courses:**

_____	BIOL 344/344L	Animal Physiological Ecology* w/Lab
_____	BIOL 235/235L	Principles of Human Physiology* w/Lab
_____	BIOL 242/242L	Human Anatomy and Physiology II* w/Lab
_____	BIOL 255/255L	Plant Physiology w/Lab

*\*Only one of these courses may be taken in order to receive Biology credit.*

**One (1) Course from Group D (see below)**

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**Two (2) additional courses from Groups A-E (see below)**

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**FREE ELECTIVES (1-5): May be used toward a minor**

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**Group A: Cellular and Molecular Biology Electives**

BIOL 218/218L	Introduction to Bioinformatics with Lab
BIOL 228/228L	Microbiology with Lab
BIOL 260/260L	Cellular Biology with Lab
BIOL 356	Biology of Cancer
BIOL 381	Theories of Infectious Diseases
BIOL 400	Trends in Biotechnology
BIOL 426	Human Immunity
BIOL 432	Vertebrate Development
CHEM 300/300L	Principles of Biochemistry with Lab
<u>or</u> CHEM 301/301L	Biochemistry I with Lab

**Group B: Organismal Diversity Electives**

BIOL 203	Plants and Society*
BIOL 212/212L	Wildlife Specimen Preparation Techniques
BIOL 232/232L	Invertebrate Zoology with Lab
BIOL 236/236L	Ornithology with Lab
BIOL 251/251L	Vascular Plant Taxonomy with Lab
BIOL 320/320L	Animal Behavior with Lab
BIOL 323	Biology and Conservation of Crocodiles

\* This course may not be used as a required plant course.

**Group C: Physiology Electives**

BIOL 235/235L	Principles of Human Physiology with Lab*
BIOL 241/241L	Human Anatomy and Physiology I with Lab*
BIOL 242/242L	Human Anatomy and Physiology II with Lab
BIOL 255/255L	Plant Physiology with Lab
BIOL 269	Sex, Brains, and Hormones
BIOL 344/344L	Animal Physiological Ecology with Lab*
HLTH 302	Exercise Physiology
NEUR 225	Biopsychology
NEUR 380	Neuropharmacology

\* Only one of these courses may be taken in order to receive biology credit.

**Group D: Ecological and Evolutionary Biology Electives**

BIOL 233/233L	Comparative Vertebrate Anatomy with Lab
BIOL 248/248L	Principles of Ecology with Lab
BIOL 291	Principles of Tropical Ecology and Conservation: Field Study
BIOL 321/321L	Limnology with Lab
BIOL 335/335L	Principles of Wildlife Biology with Lab
BIOL 341/341L	Marine Biology with Lab
BIOL 393	Wildlife Management and Conservation Topics

**Group E: Advanced Biology Electives**

BIOL 490	Independent Study in Biology
BIOL 495	Internship in Biology