



## **BIOLOGY MAJOR** **General Biology Concentration**

### *Continued from previous page*

*One of these courses must focus on physiology (see below):*

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  
BIOL 358 Animal Physiological Ecology

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

---

---

### **Ecological Systems**

BIOL 203  
BIOL 233/233L  
BIOL 248/248L  
BIOL 320/320L  
BIOL 321/321L  
BIOL 335/335L  
BIOL 358  
BIOL 381  
BIOL 393

Plants and Society  
Comparative Vertebrate Anatomy with Lab  
Principles of Ecology with Lab  
Animal Behavior with Lab  
Limnology with Lab  
Principles of Wildlife Biology with Lab  
Animal Physiological Ecology  
Theories of Infectious Diseases  
Wildlife Management and Conservation Topics

### **FREE ELECTIVES (0-2):**

---

---

#### **Cell and Molecular Systems**

BIOL 218/218L Introduction to Bioinformatics with Lab  
BIOL 228/228L Microbiology with Lab  
BIOL 260/260L Cellular Biology with Lab  
BIOL 262/262L Molecular Biology with Lab  
BIOL 356 Biology of Cancer  
BIOL 400 Trends in Biotechnology  
BIOL 426 Human Immunity  
BIOL 432 Vertebrate Development  
CHEM 300/300L Principles of Biochemistry with Lab  
*or* CHEM 301/301L Biochemistry I with Lab  
NEUR 380 Neuropharmacology

#### **Organismal and Physiological Systems**

BIOL 212/212L Wildlife Specimen Preparation Techniques  
BIOL 235/235L Principles of Human Physiology with Lab  
BIOL 236/236L Ornithology with Lab  
BIOL 241/241L Human Anatomy and Physiology I with Lab  
BIOL 242/242L Human Anatomy and Physiology II with Lab  
BIOL 251/251L Vascular Plant Taxonomy with Lab  
BIOL 255/255L Plant Physiology with Lab  
BIOL 323 Biology and Conservation of Crocodiles  
HLTH 302 Exercise Physiology  
NEUR 225 Biopsychology  
NEUR 306 Neurophysiology