**Upper Level Biology Courses**

**Fall 2019 / Spring & Summer 2020**

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| **Course/****Class #** | **Course Title** | **Biology Pre-requisites** | **Designation** | **Taught** |
| 3010C  | Botany  | F  | E, Lab  | 20SS  |
| 3012C  | Ornithology  | E  | A, E, Lab  | 20US  |
| 3020C  | Human & Comparative Anatomy  | G & either C or E  | A, B, Lab \*  | 19FS, 20SS  |
| 3021  | Human & Comparative Physiology  | C  | A, B  | 19FS  |
| 3024/3024L  | Aquatic Biology  | E  | A, E, Lab  | 19FS  |
| 3027  | Introduction to Biotechnology  | C  | B, C  | 19FS  |
| 3030  | Human Genetics  | G & either C or E  | B, C \*  | 20SS  |
| 3042  | Animal Movement  | E  | A, E  | 20SS  |
| 3051C  | Flowering Plant Classification  | G & E  | E, Lab \*  | 19FS  |
| 3052  | Medical Botany  | G & either C or E  | B, E\*  | 20SS, 20US  |
| 3077  | DNA Forensics  | G  | A, B, C, E \*  | 20SS  |
| 4011/4011L  | Microbiology  | C  | A, B, C, Lab  | 19FS  |
| 4020C  | Invertebrate Zoology  | G & either C or E  | A, B, E, Lab  | 20SS  |
| 4022C  | Vertebrate Zoology  | G & either C or E  | A, B, E, Lab  | 19FS  |
| 4023  | Conservation Biology  | G & E  | A, E \*  | 20SS  |
| 4025C  | Plant Physiology  | G & either C or E  | C, E, Lab \*  | 19FS  |
| 4030  | Animal Behavior  | G & either C or E  | A, E  | 19FS  |
| 4040  | Neurobiology  | C  | A, B, C  | 19FS  |
| 4041  | Sensory Physiology  | C  | A, B, C  | 20SS  |
| 4043/4043L  | Medical Parasitology  | C  | A, B, C, Lab  | 19FS  |
| 4052  | Developmental Biology  | C  | A, B, C  | 19FS  |
| 4055C  | Histology Lab  | C  | A, B, C, Lab \*  | 20SS  |
| 4091C  | Biotechnology Lab  | C  | B, C, Lab \*  | 20SS  |
| 5102C  | Bioinformatics  | G & either C or E  | B, C, Lab \*  | 20SS  |
| 5142  | Toxicology  | none  | B, C, E  | 20SS  |
| 5177  | Evolutionary Biology  | G & E  | A, E  | 19FS  |
| 5180  | Immunology  | C  | A, B, C  | 19FS  |
| 5182  | Biology of Cancer  | C  | A, B, C  | 20SS  |
| 5193C  | Human Physiology Biomechanics | G & either C or E  | A, B Lab \*  | 20SS  |

Prerequisites: G (Biol 2083), E (Biol 2084C), C (Biol 2085C), F (Biol 1082 & 1082L)

Concentrations: A-Animal, B-Biomedical, C-Cell and Molecular, E-Ecology

Lab: counts as upper level Lab course

Undergraduate Research: available year-round (FS - Biol 4095, SS - Biol 4096, US - Biol 4097)

Semester Codes: 20FS-Fall 2020, 21SS-Spring 2021, 21US-Summer 2021

\* Capstone courses