**Upper-Level Biology Courses**

**Fall 2024 / Spring & Summer 2025**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Semester** | **Course/****Class #** | **Course Title** | **Biology Pre-requisites** | **Designation** |
| 24FS | 3017C | Analytical Tools for Behavior | E, G | A, E |
| 24FS & 25SS | 3020C | Human & Comparative Anatomy \* | G & either C or E | A, B, C, Lab |
| 24FS | 3021 | Human & Comparative Physiology \* | C | A, B  |
| 24FS | 3024/3024L | Aquatic Biology | E, G | A, E, Lab |
| 24FS | 3027 | Introduction to Biotechnology \* | C | B, C  |
| 24FS | 3041 | Biology of Sex | G & either C or E | A, B, C, E |
| 24FS | 3051C | Flowering Plant Classification \* | G, E | E, Lab  |
| 24FS | 4011/4011L | Microbiology | C | A, B, C, Lab  |
| 24FS | 4022C | Vertebrate Zoology | G & either C or E | A, B, E, Lab |
| 24FS | 4030 | Animal Behavior | G & either C or E | A, E  |
| 24FS | 4040 | Neurobiology | C | A, B, C |
| 24FS | 4043/4043L | Medical Parasitology | C | A, B, C, Lab |
| 24FS | 4052 | Developmental Biology | C | A, B, C |
| 24FS | 5177 | Evolutionary Biology | G, E | A, E |
| 24FS | 5180 | Immunology | C | A, B, C |
| 25SS | 3010C | Botany | G & either C or E | E, Lab |
| 25SS | 3020C | Human/Comparative Anatomy \* | G & either C or E | A, B, Lab  |
| 25SS | 3030 | Human Genetics \* | G & either C or E | B, C  |
| 25SS | 3042 | Animal Movement  | E, G | A, E |
| 25SS | 3052 | Medical Botany \* | G & either C or E | B, C, E  |
| 25SS | 3077 | DNA Forensics \* | G & either C or E | A, B, C, E  |
| 25SS | 4020C | Invertebrate Zoology | G & either C or E | A, B, E, Lab |
| 25SS | 4023 | Conservation Biology \* | G, E | A, E  |
| 25SS | 4041 | Sensory Physiology | C | A, B, C  |
| 25SS | 4053C | Molecular Development Lab | C | A, B, C, Lab |
| 25SS | 4091C | Biotechnology Lab \* | C | B, C, Lab  |
| 25SS | 4093C | Urban Ecosystem Research \* | G & either C or E | A, E, Lab  |
| 25SS | 5102C | Bioinformatics \* | G & either C or E | B, C, Lab  |
| 25SS | 5142 | Toxicology | G & either C or E | B, C, E  |
| 25SS | 5193C | Human Physiology Biomechanics | G & either C or E | A, B, Lab |
| 25US | 3011C | Environmental Field Techniques | E, G | E, Lab |
| 25US | 3012C | Ornithology | E, G | A, E, Lab |
| 25US | 3052 | Medical Botany | G & either C or E | B, C, E |

Prerequisites: G (BIOL2083), E (BIOL/EVST2084C), C (BIOL2085C), F (BIOL1082 & 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: FS-Fall Semester, SS-Spring Semester, US-Summer Semester

23FS-Fall 2023, 24SS-Spring 2024, 24US-Summer 2024

\* Capstone courses