Tentative Course Offerings in Biological Sciences

**UNDERGRADUATE LEVEL COURSES**

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|  | **Course#** | **Course Title** | **FA19** | **SP20** | **FA20** | **SP21** | **FA21** | **SP22** | **FA22** | **SP23** | **FA23** | **SP24** | **FA24** | **SP25** |
| **NON-BIO MAJORS** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | BIO 1001G | Biol. Principles | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 1003G | Life of Animals | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 1004G | Practical Microbiol. | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 2005G | Human Biology | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 2002G | Environ Life Sci | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 2003G | Heredity/Society | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIOLOGICAL SCIENCE MAJORS/MINORS COURSES** |
|  | **Course #** | **Course Title** | **FA19** | **SP20** | **FA20** | **SP21** | **FA21** | **SP22** | **FA22** | **SP23** | **FA23** | **SP24** | **FA24** | **SP25** |
| **BIO 1150** | **Biol. Forum** | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIO 1500** | **General Biology I** | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIO 1550** | **General Biology 2** | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIO2210** | **Human Anatomy and Physiology I** | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIO2220** | **Human Anatomy and Physiology II** | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 2290 | Human Anatomy and Physiology I- Honors | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 2291 | Human Anatomy and Physiology II- Honors |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 3035 | Economic Botany | X |  | X |  | X |  | X |  | X |  | X |  |
| **BIO 3120** | **Cell/Molec. Biol. w/ lab** | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIO 3155** | **Evolutionary Medicine** | X |  | X |  | X |  | X |  | X |  | X |  |
| **BIO 3180** | **Ecology and Evolution** | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIO 3200** | **Genetics** | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 3210 | Immunology |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 3300 | Gen. Microbiol. | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 3322 | Dendrology | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 3400 | Methods Teach. Biol.c |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 3450 | Independent Study | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 3451 | Undergrad Research | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 3460 | Clinical Rotation | X | X | X | X | X | X | X | X | X | X | X | X |

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| **BIO 3510** | **Plant Physiol.** |  | X |  | X |  | X |  | X |  | X |  | X |
| **BIO 3520** | **Animal Physiol.** | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 3612 | Plant Evoltion and Diversity |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 3614 | Plant Anatomy |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 3620 | Funct Comp Anat |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 3622 | Embryology |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 3624 | Histology | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 3810 | Freshwater Ecol |  |  |  |  |  |  |  |  |  |  |  |  |
| **BIO 3850d** | **Environmental Biology (EVB required)** | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 3950 | Vertebrate Nat Hist |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 3952 | Invertebrate Nat. Hist. |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 3960 | Special Topics | X | X | X | X | X | X | X | X | X | X | X | X |
| **BIO 4275** | **Internship (EVB option only)** | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 4400 | Teach in the Lab | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 4444 | Indep Study, Honors | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 4555 | Research, Honors | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 4644 | Thesis, Honors | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 4666 | Seminar, Honorsf |  |  | X | X | X | X | X | X | X | X | X | X |
| **BIO 4750** | **Stat Anal of Sci Data** | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 4751 | Adv. Molec/Cell Biol. |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 4810 | Plant Ecology | X |  |  |  |  | X |  |  |  |  | X |  |
| BIO 4812 | Fish Ecol. Manage |  |  | X |  |  |  | X |  |  |  | X |  |
| BIO 4814 | Conserv Biol. |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 4818 | Environ Microbiol. |  |  |  | X |  | X |  | X |  | X |  | X |
| BIO 4832 | Animal Behavior | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 4834 | Neurobiology | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 4835 | Advanced Neurobiology |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 4836 | Pathogenic Microbiol. | X |  |  |  | X |  |  |  | X |  |  |  |
| BIO 4840 | Resource Mgmnt |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 4914 | Plant Anatomy |  | X |  |  |  | X |  |  |  | X |  |  |
| BIO 4920 | Medicinal Plants | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 4950 | Ichthyology |  | X |  | X |  | X |  | X |  |  |  |  |

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|  | BIO 4952 | Herpetology |  | X |  |  |  | X |  |  |  | X |  |  |
| BIO 4954 | Ornithology |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 4956 | Mammalogy |  |  |  |  |  |  |  |  |  | X |  |  |
| BIO 4958 | Parasitology (previously BIO3700) |  |  |  | X |  | X |  | X |  | X |  | X |
| BIO 4960 | Wet/Aquatic Plants |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 4964 | Entomology | X |  | X |  | X |  | X |  | X |  |  | X |
| BIO 4984 | Organic Evolution |  | X |  | X |  | X |  |  |  | X |  |  |
|  | Note: course #s in **bold** are part of common core |  |  |  |  |  |  |  |  |  |  |  |
|  |  | BIO 3850 and BIO 4275 are required only for the EVB option |  |  |  |  |  |  |  |  |  |  |
| **GRADUATE LEVEL COURSES** |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Course #** | **Course Title** | **FA19** | **SP20** | **FA20** | **SP21** | **FA21** | **SP22** | **FA22** | **SP23** | **FA23** | **SP24** | **SP24** | **SP25** |
| BIO 5150 | Graduate Seminar | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 5200 | Stream Ecology |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 5202 | Behavioral Ecol |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 5206 | Adv Limnology |  |  |  | X |  |  |  |  |  |  |  |  |
| BIO 5207 | microbial Ecology |  |  |  | X |  |  | X |  |  | X |  |  |
| BIO 5208 | Population Ecology | X |  |  |  |  |  |  |  |  |  |  |  |
| BIO 5225 | Systematics |  |  |  | X |  |  |  |  |  |  |  |  |
| BIO 5250 | Biol. Microtechniques | X |  | X |  | X |  | X |  | X |  | X |  |
| BIO 5333 | Bioenergy and Bioresources |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 5340 | Pop Genetics |  |  |  | X |  |  |  | X |  |  |  | X |
| BIO 5381 | Adv Biostatistics |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 5406 | Endocrinology |  |  |  |  |  |  |  |  |  |  |  |  |
| BIO 5434 | Neurobiology | X |  | X |  | X |  | X |  | X |  | x |  |
| BIO5435 | Advabced Neurobiology |  | X |  | X |  | X |  | X |  | X |  | X |
| BIO 5900 | Graduate Research | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 5950 | Thesis | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 5951 | Non-credit Thesis | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 5980 | Graduate Internship | X | X | X | X | X | X | X | X | X | X | X | X |
| BIO 5990 | Grad Independ Study | X | X | X | X | X | X | X | X | X | X | X | X |