**Tentative Course Offerings in Biological Sciences**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Course #** | **Course Title** | **CREDIT** |  | **FA22** | **SP23** | **FA23** | **SP24** | **FA24** | **SP25** | **FA25** | **SP26** | **FA26** | **SP27** | **FA27** | **SP28** | **FA28** | **SP29** |
| **NON-BIO MAJORS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | BIO 1001G | Biol. Principles | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 1003G | Life of Animals | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 1004G | Practical Microbiol. | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 2002G | Environ Life Sci | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 2003G | Heredity/Society | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 2005G | Human Biology | 4 |  |  |  | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 3003G | Into Evolution (Summer offering) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | BIO 3155 G | **Evolutionary Medicine** | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
| **BIO MAJORS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | **BIO 1150** | **Biol. Forum** | 1 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 1500** | **General Biology I** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 1550** | **General Biology 2** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 2210** | **Human Anatomy and Physiology I** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 2220** | **Human Anatomy and Physiology II** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 2290 | Human Anatomy and Physiology I- Honors | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 2291 | Human Anatomy and Physiology II- Honors | 4 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 2320 | Economic Botany | 3 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | **BIO 3120** | **Cell/Molec. Biology** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 3180** | **Ecology and Evolution** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 3200** | **Genetics** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 3210 | Immunology | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | **BIO 3300** | **Gen. Microbiol.** | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 3330** | **Intro to Botany** | 4 |  |  |  |  | X |  | X |  | X |  | X |  | X |  | X |
|  | **BIO 3340** | **Zoology** | 4 |  |  |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 3322 | Dendrology | 3 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 3400 | Methods Teach. Biol.c | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 3450 | Independent Study | 1 to 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 3451 | Undergrad Research | 1 to 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 3460 | Clinical Rotation | 4 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 3510** | **Plant Physiol.** | 4 |  |  |  |  | X |  | X |  | X |  | X |  | X |  | X |
|  | **BIO 3520** | **Animal Physiol.** | 4 |  | X |  |  |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 3612 | Plant Evoltion and Diversity | 3 |  |  | X |  |  |  | X |  |  |  | X |  |  |  | X |
|  | BIO 3620 | Funct Comp Anat | 4 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 3622 | Embryology | 4 |  |  |  |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 3624 | Histology | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 3810 | Freshwater Ecol | 3 |  |  |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | **BIO 3850** | **Environmental Biology (EVB required)** | 3 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 3960 | Special Topics | 1 to 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 4275** | **Internship (EVB option only)** | 6 or 12 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 4400 | Teach in the Lab | 1 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 4444 | Indep Study, Honors | 1 to 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 4555 | Research, Honors | 1 to 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 4644 | Thesis, Honors | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 4666 | Seminar, Honor | 1 or 2 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | **BIO 4750** | **Stat Anal of Sci Data** | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 4751 | Adv. Molec/Cell Biol. | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 4810 | Plant Ecology | 3 |  |  |  | X |  |  |  | X |  |  |  | X |  |  |  |
|  | BIO 4812 | Fish Ecol. Manage | 3 |  | X |  |  |  | X |  |  |  | X |  |  |  | X |  |
|  | BIO 4814 | Conserv Biol. | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 4832 | Animal Behavior | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | bIO 4833 | Neuro of Disease (Summer offering) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | BIO 4834 | Neurobiology | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 4835 | Advanced Neurobiology |  |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 4836 | Pathogenic Microbiol. | 3 |  |  |  |  |  | X |  |  |  | X |  |  |  | X |  |
|  | BIO 4850 | Wildlife Techniques | 3 |  |  |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 4914 | Plant Anatomy | 3 |  |  |  |  | X |  |  |  | X |  |  |  | X |  |  |
|  | BIO 4920 | Medicinal Plants | 3 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 4950 | Ichthyology | 3 |  |  |  |  | X |  |  |  | X |  |  |  | X |  |  |
|  | BIO 4952 | Herpetology | 3 |  |  |  |  | X |  |  |  | X |  |  |  | X |  | X |
|  | BIO 4954 | Ornithology | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 4956 | Mammalogy | 3 |  |  |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 4958 | Parasitology | 3 |  |  | X |  | X |  |  |  | X |  | X |  | X |  | X |
|  | BIO 4960 | Wet/Aquatic Plants | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | BIO 4964 | Entomology | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 4984 | Organic Evolution | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **GRADUATE- LEVEL COURSES** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Course #** | **Course Title** | **CREDIT** |  | **FA22** | **SP23** | **FA23** | **SP24** | **FA24** | **SP25** | **FA25** | **SP26** | **FA26** | **SP27** | **FA27** | **SP28** | **FA28** | **SP29** |
|  | BIO 5150 | Graduate Seminar | 1 or 2 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 5200 | Stream Ecology | 3 |  |  | X |  |  |  | X |  |  |  | X |  |  | X |  |
|  | BIO 5206 | Adv Limnology | 3 |  |  | X |  |  |  | X |  |  |  | X |  |  |  | X |
|  | BIO 5207 | Microbial Ecology | 3 |  |  | X |  |  |  | X |  |  |  | X |  |  |  | X |
|  | BIO 5225 | Systematics | 3 |  |  | X |  |  |  | X |  |  |  | X |  |  |  | X |
|  | BIO 5250 | Biol. Microtechniques | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO 5333 | Bioenergy and Bioresources | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 5381 | Adv Biostatistics | 3 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 5433 | Neuro of Disease (Summer Offering) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | BIO 5434 | Neurobiology | 4 |  | X |  | X |  | X |  | X |  | X |  | X |  | X |  |
|  | BIO5435 | Advabced Neurobiology | 4 |  |  | X |  | X |  | X |  | X |  | X |  | X |  | X |
|  | BIO 5900 | Graduate Research | 1 to 6 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 5950 | Thesis | 3 or 6 |  | X | X | 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 | X | X |
|  | BIO 5980 | Graduate Internship | 6 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  | BIO 5990 | Grad Independ Study | 1 to 6 |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Notes: | course #s in **bold** are part of common core | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | EVB 3850 and |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |