

# Tentative Long-Term Schedule of Biology Courses

Beginning spring 2023

Note: We will make every effort to adhere to this schedule but unexpected changes to faculty availability occurs nearly every semester, so this schedule cannot be interpreted as final, concrete, written-in-stone, contractual, etc. Besides, you never know when the zombie apocalypse will happen and that will just totally mess things up.

<b>Course</b>	<b>Frequency</b>
<b>BIOL 1010 Introduction to Biology: The Evolution and Diversity of Life</b>	Every Term
<b>BIOL 1020L Biodiversity Lab</b>	Every Term
<b>BIOL 1030 Introduction to Biology: Organismal Biology</b>	Every Term
<b>BIOL 1040L Organismal Biology Lab</b>	Every Term
<b>BIOL 1050 Human Biology</b>	Not Presently Offered
<b>BIOL 1100 Biology Freshmen Seminar</b>	Every Fall
<b>BIOL 1107 Principles of Biology I</b>	Every Term
<b>BIOL 1107L Principles of Biology I Lab</b>	Every Term
<b>BIOL 1108 Principles of Biology II</b>	Every Term
<b>BIOL 1108L Principles of Biology II Lab</b>	Every Term
<b>BIOL 1200 History of the Life Sciences</b>	Every Spring
<b>BIOL 2251 Human Anatomy and Physiology I</b>	Every Term
<b>BIOL 2252 Human Anatomy and Physiology II</b>	Every Term
<b>BIOL 2260 Microbiology in Health and Disease</b>	Every Fall, Spring
<b>BIOL 2950 Directed Study</b>	Every Term
<b>BIOL 3000 Biostatistics</b>	Every Spring
<b>BIOL 3100 Microbiology</b>	Spring 24
<b>BIOL 3200 Introductory Genetics</b>	Every Fall, Spring
<b>BIOL 3250 Ecology and Evolution</b>	Every Fall, Spring
<b>BIOL 3400 Plant Physiology &amp; Biotechnology</b>	Every Fall
<b>BIOL 3460 Human Physiology</b>	Fall 23, Spring 25
<b>BIOL 3500 Mycology</b>	Spring 23, 25
<b>BIOL 3530 Biodiversity of Macrofungi</b>	Fall 24
<b>BIOL 3600 Local Flora</b>	Spring 24
<b>BIOL 3601L Laboratory Techniques in Biochemistry</b>	Every Fall, Spring
<b>BIOL 3602 Biochemistry II</b>	Every Spring
<b>BIOL 3610 Dendrology</b>	Fall 23
<b>BIOL 3630 Biology of Horticulture</b>	Not Presently Offered
<b>BIOL 3680 Plant Pathology</b>	Fall 23, 25
<b>BIOL 3700 Neuroscience</b>	Every Spring

<b>BIOL 3800</b>	<b>Invertebrate Zoology</b>	Spring 24
<b>BIOL 3810</b>	<b>Biogeography</b>	Spring 24
<b>BIOL 3820</b>	<b>Vertebrate Zoology</b>	Summer 23
<b>BIOL 3830</b>	<b>Marine Biology</b>	Summer 24
<b>BIOL 3850</b>	<b>Medical and Veterinary Entomology</b>	Fall 23, 25
<b>BIOL 3860</b>	<b>Biology of Emerging Infectious Diseases</b>	Every Summer
<b>BIOL 3870</b>	<b>Parasitology</b>	Fall 23,25
<b>BIOL 3920</b>	<b>Herpetology</b>	Every Summer
<b>BIOL 3950</b>	<b>Ornithology</b>	Spring 23, 25
<b>BIOL 3960</b>	<b>Wildlife Biology</b>	Fall 24
<b>BIOL 3970</b>	<b>Wildlife Diseases</b>	Spring 23, 25
<b>BIOL 3980</b>	<b>Mammalogy</b>	Fall 23, 25
<b>BIOL 4000</b>	<b>Topics in Biology I</b>	No Set Schedule
<b>BIOL 4010</b>	<b>Topics in Biology II</b>	No Set Schedule
<b>BIOL 4020</b>	<b>Topics in Conservation Biology</b>	No Set Schedule
<b>BIOL 4250</b>	<b>Human Anatomy</b>	Spring 23, Fall 24
<b>BIOL 4300</b>	<b>Comparative Vertebrate Anatomy</b>	Fall 23, 25
<b>BIOL 4350</b>	<b>Developmental Biology</b>	Fall 23, 25
<b>BIOL 4400</b>	<b>Vertebrate Histology</b>	Fall 24
<b>BIOL 4450</b>	<b>Theory and Practice of Scanning Electron Microscopy</b>	Every Other Summer
<b>BIOL 4500</b>	<b>Cell Biology</b>	Every Spring
<b>BIOL 4510</b>	<b>Virology</b>	Not Presently Offered
<b>BIOL 4520</b>	<b>Molecular Biophysics</b>	Fall 23, 25
<b>BIOL 4530</b>	<b>Comparative Biomechanics</b>	Fall 23, 25
<b>BIOL 4540</b>	<b>Bioinformatics</b>	Spring 23, 25
<b>BIOL 4550</b>	<b>Immunology</b>	Every Summer
<b>BIOL 4560</b>	<b>Quantum Biology</b>	Spring 24
<b>BIOL 4580</b>	<b>Molecular Genetics</b>	Spring 23, 25
<b>BIOL 4650</b>	<b>Animal Behavior</b>	Spring 24
<b>BIOL 4700</b>	<b>Limnology</b>	Every Other Summer
<b>BIOL 4850</b>	<b>Biology Internship</b>	Every Term
<b>BIOL 4900</b>	<b>Senior Seminar</b>	Every Fall, Spring
<b>BIOL 4950</b>	<b>Directed Study</b>	Every Term

## Upper-Level Biology Electives By Term

### Spring 2023/25

- BIOL 3000** Biostatistics. 4 Hours.
- BIOL 3100** Microbiology. 4 Hours. 2023 Only
- BIOL 3700** Neuroscience. 3 Hours.
- BIOL 3950** Ornithology. 4 Hours.
- BIOL 3970** Wildlife Diseases. 3 Hours.
- BIOL 4250** Human Anatomy. 4 Hours. 2023 Only
- BIOL 4500** Cell Biology. 4 Hours.
- BIOL 4540** Bioinformatics. 3 Hours.
- BIOL 4580** Molecular Genetics. 4 Hours.

### Fall 2023/25

- BIOL 3100** Microbiology. 4 Hours.
- BIOL 3460** Human Physiology. 4 Hours. 2023 Only
- BIOL 3610** Dendrology. 4 Hours. Fall 2023 Only.
- BIOL 3680** Plant Pathology. 4 Hours.
- BIOL 3850** Medical and Veterinary Entomology. 4 Hours
- BIOL 3870** Parasitology. 4 Hours.
- BIOL 3980** Mammalogy. 4 Hours.
- BIOL 4250** Human Anatomy. 4 Hours. 2025 Only
- BIOL 4300** Comparative Vertebrate Anatomy. 4 Hours.
- BIOL 4350** Developmental Biology. 4 Hours. 2025 Only
- BIOL 4520** Molecular Biophysics. 3 Hours.
- BIOL 4530** Comparative Biomechanics. 4 Hours.

## **Spring 2024**

- BIOL 3100 Microbiology. 4 Hours.**
- BIOL 3500 Mycology. 4 Hours.**
- BIOL 3600 Local Flora. 4 Hours.**
- BIOL 3700 Neuroscience. 3 Hours.**
- BIOL 3800 Invertebrate Zoology. 4 Hours.**
- BIOL 3810 Biogeography. 3 Hours.**
- BIOL 4250 Human Anatomy. 4 Hours.**
- BIOL 4500 Cell Biology. 4 Hours.**
- BIOL 4560 Quantum Biology. 3 Hours**
- BIOL 4650 Animal Behavior. 4 Hours.**

## **Fall 2024**

- BIOL 3400 Plant Physiology & Biotechnology. 4 Hours.**
- BIOL 3530 Biodiversity of Macrofungi. 4 Hours.**
- BIOL 3960 Wildlife Biology. 4 Hours.**
- BIOL 4250 Human Anatomy. 4 Hours.**
- BIOL 4400 Vertebrate Histology. 4 Hours.**