Biology is the science of life in all its forms, from the simplicity of a one-celled organism to the complexity of the human body. Like all living things, the field of biology is dynamic, constantly growing, rapidly changing and replete with new discoveries and advances. The Biology Department at Illinois Wesleyan University provides students with a superior undergraduate education across a variety of biological fields. Students can then parlay that education into a variety of career opportunities, including medicine, research, education and law.

Why Biology at Illinois Wesleyan?

- Provides the necessary background for admission to schools of medicine, dentistry, veterinary medicine, physical therapy, environmental science, osteopathy, pharmacy, optometry and paramedical programs.
- IWU’s medical school acceptance rate averages 70-90 percent, compared to 45 percent nationally.
- Provides preparation for positions in research and industrial laboratories.
- Only Science Education Alliance (SEA) partner in Illinois, providing students an innovative lab experience and enabling them to create their own experiments.
- Emphasizes study at the molecular/cellular, organismal and population/community levels of organization.
- Provides students with a broad introduction to the principles of all important areas of modern biology.
- Includes discipline-specific offerings such as animal physiology, developmental biology and microbiology.
- Provides opportunities to take advanced seminar and research-oriented courses such as advanced ecology, experimental zoology, neurophysiology and molecular genetics.

Learning from a Quality Faculty

- **David Bollivar**, Miner Linnaeus Sherff Professor of Biology, Ph.D. — Indiana University
  Studies the molecular biology and biochemistry of tetrapyrrole biosynthesis.
- **Elizabeth Balser**, Associate Professor of Biology, Ph.D. — Clemson University
  Research interests focus on the biology of invertebrate animals; has affiliations at the Smithsonian Marine Station and the University of Washington Marine Lab.

A Sampling of Courses Offered by Biology:
- Natural History of Illinois
- Evolution
- Comparative Chordate Anatomy
- Conservation Biology
- Invertebrate Zoology
- Plant Anatomy and Physiology
- Microbiology
- Experimental Zoology
- Molecular Genetics
- Biostatistics and Experimental Design
- Behavioral Ecology
- Cellular and Molecular Biology
- Parasitology
- Animal Physiology
- Neurophysiology
- Biochemistry

Recent May Term Courses in Biology:
- Tropical Ecology in Costa Rica (travel course)
- Biochemistry of Food (travel to Hawaii)
- Herpetology
- Field Ornithology
The Biology Department at Illinois Wesleyan provides students with exposure to the fundamental concepts in biology. We also provide a strong foundation for future study by offering students a broad curriculum and the opportunity to take courses that delve deeply into specific topics. Our goal is to provide students with the fundamental knowledge and skills that they need to be successful upon graduation.

Students have the opportunity to work with faculty on scientific research projects that can lead to publication in scientific journals. Many of our students also take advantage of the opportunity to become assistants for their peers, enhancing their understanding of biology. Students and faculty work together closely and form strong, lasting relationships.”

Dr. Loni Walker
Associate Professor of Biology and Department Chair