



College of Arts & Sciences

Biology

bio.as.uky.edu

WHAT CAN A BIOLOGY MAJOR DO FOR YOU?

Biology is the study of LIFE. It is the exciting study of how living systems do their business. It is the study of the great diversity of living things on Earth and how they interact with each other and with human society. Biology tells us who we are in this vast living world. It tells us where we came from, and it tells us where we might go as a species.

BIOLOGY MAJORS CAN AND WILL:

- Formulate and test hypotheses, sharpen their ability to think critically and to solve problems systematically based on evidence.
- Understand the most important and fundamental theories in biology, such as evolution, heredity, levels of organization, unity and diversity, and structure and function.
- Link key concepts to each other and to the physical, chemical, and biological environments of organisms.
- Have the opportunity to conduct independent and mentored research in biological laboratories and in the field.
- Present and discuss the concepts, methods, and results of biological research.
- Collaborate with fellow biologists and other scientists.

BIOLOGY MAJORS GO ON TO HAVE CAREERS IN:

- Physicians
- Biomedical engineers
- Medical and basic scientists
- Dentists
- Microbiologists
- Environmental scientists
- Forensic scientists
- Biological technicians
- Veterinarian
- Genetic counselors
- Physician's assistants
- Nurse practitioners
- Biology teachers
- Park Ranger
- Epidemiologists
- Zoologists and Wildlife Biologists

To learn more about majoring in Biology contact Dr. Jennifer Osterhage at jennifer.osterhage@uky.edu or visit bio.as.uky.edu.