

Biological Sciences

College of Science

Degree Types: B.S., M.S., Ph.D.

Description

Biological Sciences is the study of life. Our majors receive a broad education in the fundamentals of biology from the molecular to the global level. Students take required courses in genetics, cell function, evolutionary biology and ecology, and then may choose elective courses in microbiology, botany, ornithology, physiology, histology, infectious disease, climate ecology, and cancer biology, to name just a few.

Sample Careers

- Biomedical Researcher
- Conservation Biologist
- Biotechnologist
- Ecologist
- Science Educator
- Pharmacist
- Physician
- Dentist
- Nurse
- Veterinarian

The Biological Sciences curriculum prepares students for graduate school in a range of biological disciplines, as well as for professional schools in various fields of human and animal health.

Curriculum

Biology
General Chemistry
Organic Chemistry
Mathematics
Physics
Statistics

Skills

Problem solving
Decision-making
Collaboration
Research

Related Majors

- [Biochemistry](#)
- [Human Nutrition, Foods and Exercise](#)
- [Environmental Science](#)
- [Fish Conservation](#)
- [Wildlife Conservation](#)
- [Systems Biology](#)
- [Neuroscience](#)
- [Microbiology](#)

Resources

Department of Biological Sciences: <https://www.biol.vt.edu/>