

# **Department of Biological Sciences**

## **Undergraduate Degree Programs**

- **Biology and Pharmacy 3 + 1 Program**
- **Biology Major, B.S. (Biochemistry Concentration)**
- **Biology Major, B.S. (Biology Concentration)**
- **Biology Major, B.S. (Interdisciplinary Biology Concentration)**
- **Biology Major, B.S. (Secondary Education Concentration)**
- **Biology Major, B.S. (Biomedical Sciences Concentration)**
- **Biology Minor**

## **Graduate Degree Programs**

- **Biology, M.S. (Biology Concentration)**
- **Biology, M.S. (Biomedical Sciences Concentration)**
- **Biology, M.S. (Microbiology Concentration)**

## **Careers in Biological Sciences**

The Department of Biological Sciences prepares students for a number of careers, including health professional, veterinarian, biomedical science researcher, microbiologist, ecologist, research assistant/technician, college professor, park ranger, wildlife conservationist, horticulturist, and environmental consultant.

Recent graduates are currently working as physicians, dentists, physical therapists, biologists with state agencies, as middle school and nature educators, and in the pharmaceutical industry. Additional graduates are continuing their education in PhD programs at the University of Amherst, Louisiana State University, University of Notre Dame, University of North Texas and University of Nebraska, as well as postdoctoral associates at Yale University, Virginia Tech, and Harvard Medical School.

View additional career information on Biochemistry, Environmental Sciences, Health Profession, Plant Science, Teaching, Vertebrate Zoology and Wildlife Conservation at: [etsu.edu/cas/biology/academics/career\\_pathways.php](http://etsu.edu/cas/biology/academics/career_pathways.php)

## **Program Highlights**

- The Department of Biological Sciences includes an Honors-in-Discipline Program, which emphasizes student learning through experience, research and scholarship.
- Students have access to undergraduate research opportunities.
- Upper-level undergraduate courses allow specialization in areas such as field biology and ecology, biochemistry, plant and animal sciences. The majority of these upper-level courses include a laboratory component that provides hands-on laboratory and field experiences for students.

## **Points of Interest**

- The Department of Biological Sciences currently has full-time faculty and adjuncts offering courses that help prepare graduates for careers in the health sciences, natural resource conservation, industry, and academia.
- The department's graduate program is very active and includes a Master of Science research degree and a Ph.D. program in Biomedical Sciences.
- Undergraduates have the opportunity to be involved in research, with faculty members enthusiastically accepting undergraduates as contributing members of their research teams.
- The Department of Biological Sciences of ETSU is the first university in the area with two live eagle cameras: [etsu.edu/cas/biology/eagle-cam/](http://etsu.edu/cas/biology/eagle-cam/)

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