



# BIOLOGY

**In an environment teeming with diverse ecological systems and organisms, Tennessee Tech University's graduate program in biology will prepare you for a top-level career in the classroom and in the field.**

## **Biology at Tennessee Tech**

You can earn a master's degree in biology at Tennessee Tech, as well as a doctoral degree in environmental science with a concentration in biology.

Whatever program you choose, the biology department and its robust research programs will prepare you to take the lead professionally. Our graduates have gone on to work for a variety of federal and state agencies. TTU alumni have joined the U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, Tennessee Valley Authority, National Park Services, various wildlife and fisheries agencies, park services, departments of health and the environment, and regulatory agencies. With a graduate degree in biology from TTU, you could be next.

The master's program has a thesis requirement, and students will work closely with our faculty to make discoveries and to expand upon existing knowledge.

The environmental science Ph.D. program is housed under the College of Interdisciplinary Studies but operates in close collaboration with the biology program. More information is available online at <https://www.tntech.edu/is/>.

## **Research**

Home of the Tennessee Cooperative Fishery Research Unit and the university's Center for the Management, Utilization, and Protection of Water Resources, our program places a special emphasis on protecting and studying the unique ecology of the state. Tennessee is home to one of the most diverse freshwater fish and mussel communities in the world, including several endangered species.

With such an overwhelming diversity of aquatic fauna and resources, there is no lack of interesting research topics into which you can dive.

## **Faculty**

The biology department has nearly 20 faculty members, whose interests range broadly across the field. We also have several research associates who are supported by outside contracts and grants but function equally to support our students.

## **Graduate Assistantships**

*Teaching Assistants* — A limited number of teaching assistantships may be available that include paid tuition and fees along with a monthly stipend in return for work teaching undergraduates. The

responsibilities of teaching assistants include (but are not limited to) assisting faculty with grading, teaching labs and providing help sessions for students.

*Research Assistants* — A limited number of research assistantships may be available contingent on funding ability. Students with research assistantships are expected to conduct research as directed by the grant and supervising faculty.

## **How to Get Started**

We recommend that individuals interested in the biology program review our faculty members to find one whose research interests align with your own. That way, we can begin to know you before you are admitted and ensure that we are able to meet your needs and interests. For a complete faculty listing, visit [tntech.edu/cas/biology/staff](http://tntech.edu/cas/biology/staff).

For more information, visit [www.tntech.edu/cas/biology](http://www.tntech.edu/cas/biology).

Additional information can be found at the Graduate Studies website or by emailing [gradstudies@tntech.edu](mailto:gradstudies@tntech.edu).