



# CHEMISTRY

**As a graduate student here, you will find a supportive learning environment where your faculty mentors will help you discover and further your knowledge of this complex field.**

## **Chemistry at Tennessee Tech**

You can earn your master's degree in chemistry at Tech in three or four semesters. During your time here, you will be able to further your knowledge in one of a wide variety of research programs and contribute to your chosen field before you've even left the classroom.

All of our graduate students are required to complete a research project and master's thesis. Our faculty are engaged in more than a dozen research areas and our department maintains close ties to the on-campus Center for the Utilization, Management, and Protection of Water Resources, which provides additional opportunities for environmental research. We also have several ongoing collaborations with the nearby Oak Ridge National Laboratories.

Research opportunities at Tennessee Tech include several aspects of environmental chemistry, analytical chemistry, organic synthesis, protein biochemistry, medicinal chemistry, organometallic chemistry, computational chemistry, spectroscopy and atmospheric photochemistry, biophysical chemistry, astrochemistry, among others.

## **Faculty**

Our 20 faculty members each hold terminal degrees in their field and represent all the major branches of chemistry. From your first day as a master's student, you will have an advisor who is ready and able to mentor you and help you along your career path. Our faculty are known for their overwhelming commitment to providing the best education possible, and you will see this as soon as you step onto campus.

## **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 availability. Students with research assistantships are expected to conduct research as directed by the grant and supervising faculty.

**“I had a wonderful teacher who really inspired me. Because of that teacher, I stayed in chemistry, and I found my passion in life. Chemistry is a wonderful field that has so many opportunities.”**

**— Amanda Crook, '12**

## **How to Get Started**

Individuals interested in the chemistry master's degree program can obtain additional information at the program's website or by emailing [gradstudies@tntech.edu](mailto:gradstudies@tntech.edu).

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