



Engineering Ph.D.

College of Engineering Graduate Program

www.tntech.edu/engineering

Earn your Ph.D. in engineering from a distinctive university surrounded by faculty, staff and students who will work as hard as you do for your professional and personal goals.

Join a nationally recognized program

Tennessee Tech is a fully accredited university and is recognized as a doctoral university by the Carnegie Classification of Institutions of Higher Education.

Solve 21st Century global problems

Graduate students learn to develop solutions for real world problems with societal impact. Your professors will help you stay current with all the latest innovations within the discipline, and you will become familiar with the tools and technologies used by today's engineers.

Strategic Research Areas

Research goals are being implemented through our existing research centers and by continually refining and focusing our strategic research areas. These areas include, but are not limited to

- Advanced Manufacturing
- Biomolecular and Environmental Engineering and Science
- Energy Storage and Conversion
- Networking and Algorithms for Big Data
- Smart Grid
- Resilient Infrastructure

Focus Areas

Currently the following departments participate in the Ph.D. program

- Chemical engineering
- Civil and environmental engineering
- Computer science
- Electrical and computer engineering
- Mechanical engineering

Research Centers

College of Engineering research efforts are often conducted in collaboration with our four research centers

- Center for Energy Systems Research
- Center for Manufacturing Research
- Center for the Management, Utilization and Protection of Water Resources
- Cybersecurity Education, Research and Outreach Center

Graduate Assistantships

A limited number of fellowships and assistantships are offered through the university and college. These include paid tuition and fees, along with monthly stipend. Find out more about these opportunities at www.tntech.edu/engineering/research/fellowships.

Faculty

Graduate studies faculty have years of industry and research experience, and represent a variety of research interest, opportunities and knowledge. A listing of department chairs is available at www.tntech.edu/engineering/welcome/dept-chairs.

“Through this interdisciplinary program, I choose my coursework based on my research interests. Persistence and hard work prevails here, but I’ve also reaped the benefits through participation in research fellowships, internships and competitive programs.”

—Chinyere P. Mbachu, Ph.D., '16

Get Started Today!

Individuals interested in the Ph.D. program at Tech can obtain additional information at www.tntech.edu/engineering/coe-graduate-programs, or by emailing engineering@tntech.edu.