LEADERSHIP
Matthew M. Mench, Dean and Wayne T. Davis Dean’s Chair

ABOUT THE COLLEGE
Since 1838, the Tickle College of Engineering has proven its commitment to excellence in scientific research and graduating engineering professionals. The college offers programs across eight departments, with two programs ranked in the top 25 and several others among the top 30 of all public institutions. Many of our graduates have risen to top positions in industry, government, and academia, including nine astronauts who have literally risen, spending a collective 1,000 days (and counting!) in space.

QUICK FACTS
› Ranked 38th (undergrad) and 35th (graduate) for public programs of engineering U.S. News & World Report, 2023
› 33% growth in PhD enrollment since 2012—one of the fastest growing PhD programs in the nation
› Four new buildings since 2012, including the Zeanah Engineering Complex, which opened August 2021
› $99.5M annual research expenditures
› 21,000+ alumni worldwide

OUTSTANDING FACULTY
› 185 tenure-line, 32 lecturers/professors of practice, and 35 research faculty
› 2 National Academy of Engineering members; 10 UT-ORNL Governor’s Chairs; 1 Distinguished Scientist; and 48 endowed chairs, endowed professorships, and faculty fellows
› 21 Early Career Awardees (NSF, DoE, DARPA, and ARO) since 2016

ADMISSION REQUIREMENTS
Must have a bachelor’s degree from an accredited institution and a 2.7 out of a possible 4.0 GPA. Contact departments for specific additional application or program requirements. International applicants whose native language is not English must submit TOEFL or IELTS test scores to be fully admitted. tickle.utk.edu/admissions

DEGREES OFFERED

MS DEGREES OFFERED
› Aerospace Engineering
› Biomedical Engineering
› Biosystems Engineering*
› Chemical Engineering
› Civil Engineering
› Computer Engineering
› Computer Science
› Electrical Engineering
› Engineering Science
› Environmental Engineering
› Industrial Engineering
› Materials Science & Engineering
› Mechanical Engineering
› MS-MBA Program
› Nuclear Engineering
› Reliability & Maintainability Engineering

PhD DEGREES OFFERED
› Aerospace Engineering
› Biomedical Engineering
› Biosystems Engineering*
› Chemical Engineering
› Civil Engineering
› Computer Engineering
› Computer Science
› Data Science & Engineering**
› Electrical Engineering
› Energy Science & Engineering**
› Engineering Science
› Industrial Engineering
› Materials Science & Engineering
› Mechanical Engineering
› Nuclear Engineering

* Offered through the Herbert College of Agriculture
** In conjunction with the Bredesen Center for Interdisciplinary Research & Graduate Education

ENROLLMENT
Fall 2022:
Undergraduate 3,716
Graduate MS 448
PhD 73
Women 25.3%
Multicultural Students 8.2%
Total 4,899

ESTIMATED COST OF ATTENDANCE
Academic Year 2022-2023
Includes tuition, fees, books, room, and board
In-state student $28,658
Out-of-state student $47,076
Engineering fee (per semester hour) $115
Approximately 80 percent of full-time graduate students receive tuition waivers and stipends from UT through assistantships. gradschool.utk.edu/graduate-student-life/costs-funding

DISTANCE EDUCATION
The college provides select graduate degrees and certificates online without having to attend instructional sessions in a traditional setting. Consult individual departments for details. tickle.utk.edu/distance

GET IN TOUCH
Office of Academic and Student Affairs
456 Zeanah Engineering Complex | 863 Neyland Drive, Knoxville, TN 37902
Phone: 865-974-2454 | Web: tickle.utk.edu | Email: tce@utk.edu

CONNECT ON SOCIAL
utk.tce utk_tce utk.tce schools/utk.tce tiny.utk.edu/tce-videos
EXPLORE OUR CAMPUS

LIVING IN KNOXVILLE
Knoxville is a thriving Southern city known for its festivals, great outdoors, diverse music scene, and wide variety of eateries. UT’s campus is less than an hour from the Great Smoky Mountain National Park and is home to an urban wilderness which boasts 1,000 forested acres with lake and river access.

utk.edu/aboutut/knoxville

PREMIER RESEARCH FACILITIES
UT is designated by the Carnegie Foundation as a Research University with Very High Research Activity. Over the past several years, research in the college has grown by leaps and bounds with increases in funding, leadership positions, and new facilities as well as significant growth in PhD student involvement.
tickle.utk.edu/research

UT SPACE INSTITUTE
Located in Tullahoma, Tennessee, UTSI provides a unique blend of facilities for large-scale aviation research, including a high-speed wind tunnel, propulsion laboratory, large vacuum chamber, and high-temperature combustion facility.

utsi.edu

DIVERSITY & INCLUSIVITY INITIATIVES
The college is dedicated to increasing the number of underrepresented students (African Americans, Hispanics, Alaskan Natives, Pacific Islanders, Native Americans, and women) who graduate from UT with engineering degrees.

ENGINEERING DIVERSITY PROGRAMS
UT is a proud member of the National GEM Consortium, which works to increase the participation of underrepresented groups at the master’s and doctoral levels in engineering and science. GEM develops funding to award fellowships and builds mentor networks to support fellows in achieving academic and professional success. gemfellowship.org

WOMEN IN ENGINEERING PROGRAMS
The college actively encourages female students to develop and focus their interests in engineering through peer, faculty, and alumni networking, mentoring and support programs, professional development, and leadership training.
tickle.utk.edu/women

OUR PARTNERSHIP WITH OAK RIDGE NATIONAL LAB
The decades-long UT-ORNL partnership links complementary expertise and resources to provide unparalleled research and education opportunities through shared faculty and facilities and direct research funding in excess of $12M.

Collaborative efforts include the Governor’s Chair, Distinguished Scientist, and Joint Faculty programs as well as the Bredesen Center for Interdisciplinary Research and Graduate Education. Facilities available to TCE faculty and students include the Spallation Neutron Source, High Flux Isotope Reactor, and Manufacturing Demonstration Facility.

Joint UT-ORNL Governor’s Chair Program
This program has brought more than a dozen world-renowned researchers to the college, positioning both institutions as thought leaders in several fields. The funding brought in by these professors is measured in the tens of millions, while the research done under their watch has elevated the intellectual capacity of UT and benefited doctoral, graduate, and undergraduate students through research opportunities.
govchairs.utk.edu

Bredesen Center for Interdisciplinary Research and Graduate Education
The Bredesen Center unites resources from UT and ORNL to promote advanced research and provide innovative solutions to global challenges in energy, engineering, and computation. The center offers PhD degrees in energy science and engineering and data science and engineering.

bredesencenter.utk.edu

Institute for Advanced Materials and Manufacturing
IAMM is an interdisciplinary faculty community focused on creating novel quantum materials, advanced functional materials, and next-generation soft polymers.

iamm.utk.edu

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment and admission without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, genetic information, veteran status, and parental status. A project of the Tickle College of Engineering. PAN: E01-1301-013-008-23. Job 684992. Information presented is accurate as of October 2022.