

UNDERGRADUATE FACT SHEET

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 majors across 8 departments and 12 disciplines, 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*
- › Undergraduate-student-to-faculty ratio of **20:1**
- › **Four** new buildings since 2012, including the Zeanah Engineering Complex, which opened August 2021

OUTSTANDING FACULTY

The college has world-renowned experts and researchers spanning multiple disciplines, including:

- › Two National Academy of Engineering members;
- › One Distinguished Scientist;
- › Two Distinguished University Professors;
- › 10 UT-ORNL Governor's Chairs;
- › 48 endowed faculty, professorships, and faculty fellows;
- › Three named professors of practice;

ENROLLMENT

Fall 2022

Undergraduate	3,716	
└ Male	2,785	75%
└ Female	931	25%
└ African American	144	4%
└ Other minorities	398	10%
Graduate	1,183	
Total	4,899	



ESTIMATED COST OF ATTENDANCE

Academic Year 2022-2023

Undergraduate	
└ In-state student	\$25,394
└ Out-of-state student	\$43,814
Engineering fee (per semester hour)	\$115

onestop.utk.edu/tuition-detail

SCHOLARSHIPS & FINANCIAL AID

HOPE SCHOLARSHIP

Available to first-year students with a minimum 3.8 GPA who apply by December 15. Award amounts vary by residency and test scores.

onestop.utk.edu/scholarships/volunteer

OTHER SCHOLARSHIPS AND FINANCIAL AID

onestop.utk.edu/scholarships

ADMISSION REQUIREMENTS

Minimum standards:

A Success Prediction Indicator (SPI) number of 60 and a math ACT of 25 or a math SAT of 590 (if taken after March 2016). To calculate your SPI number, use the following formula:

$$\text{SPI} = (\text{Student GPA} \times 10) + \text{Student ACT}$$

Learn more about the college's admission requirements: tiny.utk.edu/TCEadmit.

DEGREES GRANTED

Academic Year 2021-2022

Bachelor of Science	689
Master of Science	211
Doctor of Philosophy	105
Total	1,005

UNDERGRAD DEGREES OFFERED

- › Aerospace Engineering
- › Biomedical Engineering
- › Biosystems Engineering*
- › Chemical Engineering
- › Civil Engineering
- › Computer Engineering
- › Computer Science
- › Electrical Engineering
- › Industrial Engineering
- › Materials Science & Engineering
- › Mechanical Engineering
- › Nuclear Engineering

For the most recent curricula for our programs, visit tickle.utk.edu/advising/info.

ENGINEERING DEPARTMENTS

Biosystems Engineering & Soil Science*
bess.utk.edu

Chemical & Biomolecular Engineering
cbe.utk.edu

Civil & Environmental Engineering
cee.utk.edu

Electrical Engineering & Computer Science
eecs.utk.edu

Industrial & Systems Engineering
ise.utk.edu

Mechanical, Aerospace, & Biomedical Engineering
mabe.utk.edu

Materials Science & Engineering
mse.utk.edu

Nuclear Engineering
ne.utk.edu

*In conjunction with the Herbert College of Agriculture

GET IN TOUCH

Office of Academic and Student Affairs
456 Zeanah Engineering Complex | 863 Neyland Drive, Knoxville, TN 37902
Main Office: 865-974-2454 | **Student Success:** 865-974-4964
Web: tickle.utk.edu | **Email:** cometotce@utk.edu

CONNECT ON SOCIAL

ACADEMIC SUPPORT PROGRAMS



engage ENGINEERING FUNDAMENTALS PROGRAM

Freshman students admitted to the college are automatically enrolled in this innovative program that integrates a cutting edge, success-oriented approach to first-year engineering education. The curriculum is built around teamwork and dynamic hands-on activities. engage.utk.edu

COOK GRAND CHALLENGE HONORS PROGRAM

Provides robust intellectual challenges and opportunities for broader experiences to prepare graduates who will be highly competitive and ready to solve the grand challenges of the future. Admission is by invitation from the dean. honors.tickle.utk.edu

ENGINEERING PROFESSIONAL PRACTICE

Students earn money and gain relevant experience through weeks- or semester-long placements with companies. Responsibilities are aligned with the student's career interests and academic level. www.coop.utk.edu

ENGINEERING ADVISING SERVICES

Works with students to provide holistic, collaborative, academic program planning services through discipline-specific advisors. tickle.utk.edu/advising

GLOBAL EXPERIENCES

Students are strongly encouraged to study or conduct research or service projects abroad through a number of engineering-related experiences and programs designed to prepare students to be globally and culturally aware as they enter the workforce. tickle.utk.edu/study-abroad/

HEATH INTEGRATED BUSINESS & ENGINEERING PROGRAM

This unique program pairs an industry-focused curriculum with immersive, professional, co-curricular experiences and one-on-one executive mentoring to create leaders with a comprehensive, systems-thinking approach to breaking down silos solving challenges. Graduates will better understand the intersection between business and engineering, bringing depth and value to industry from day one. integrate.utk.edu

OFFICE OF STUDENT SUCCESS

The Office of Student Success supports each student in achieving their goals and thriving on their journey. They provide personal, professional, and academic support as students engage in creative and innovative academic pursuits. tickle.utk.edu/student-experience/student-success

STUDENT LIFE

Engineering students are some of the most close-knit at UT. The collaborative nature of their work, the chance to room and study together through the Engage Living & Learning Community (engage.utk.edu/community), and automatic enrollment of incoming students in the Engage Program help build togetherness from day one.

Many student clubs and societies offer social support, peer mentoring, opportunities to attend conferences, and networking with alumni and professionals working in industry.

ALUMNI NETWORK

The college's 21,000+ alumni are spread throughout the globe in more than 78 countries, with roughly half located in Tennessee. Many alumni stay actively involved with the college and current students through mentoring and networking.

CAREER OUTLOOK

Graduates with a bachelor's degree typically either accept positions in private industry or pursue advanced graduate studies. Average salaries for entry-level engineers with a bachelor's degree from UT start around \$65,000.

RESEARCH OPPORTUNITIES

Research opportunities are available in virtually all areas of study both on campus, at the nearby Oak Ridge National Laboratory, and at other research facilities. Faculty frequently assist students in finding placements and provide mentoring throughout the experience. The Office of Undergraduate Research provides support for all UT undergraduates interested in research. ugresearch.utk.edu

DIVERSITY & INCLUSIVITY INITIATIVES

ENGINEERING DIVERSITY PROGRAMS

The college is dedicated to increasing the number of multicultural students (African Americans, Hispanics, Alaskan Natives, Pacific Islanders, and Native Americans) who graduate from UT with engineering degrees. Support services include mentoring, professional development, and alumni networking opportunities and initiatives. tickle.utk.edu/diversity

WOMEN IN ENGINEERING PROGRAMS

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

PRE-COLLEGE PROGRAMS

The college hosts multiple summer engineering programs for high school students. Each program is an on-campus residential experience that aims to provide students with an interest in engineering an early exposure to and preparation for scientific study and research. tickle.utk.edu/pre-college