LEADERSHIP
Janis Terpenny, 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. Programs spanning most major fields are offered, with two nationally 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 33rd (undergraduate) and 31st (graduate) for public programs of engineering (U.S. News & World Report, 2019)
• Undergraduate-student-to-faculty ratio of 19:1
• Three new buildings since 2012, with a fourth—the Gateway to Engineering—under construction (to open in 2021)

DEGREES GRANTED
Academic Year 2018–19
Bachelor of Science 638
Master of Science 217
Doctor of Philosophy 110
Total 965

ENROLLMENT
Fall 2019
Undergraduate 3,488 (75%)
   Male 2,689 (77%)
   Female 799 (23%)
African-American 156 (4%)
Other minorities 409 (12%)
Graduate 1,115
Total 4,603

MAJORS GUIDE
Visit tickle.utk.edu/advising/info for the most recent curricula for all engineering degrees offered by the college.

ADMISSION REQUIREMENTS
Minimum standards: A Success Prediction Indicator number of 60 and a math ACT of 25 or a math SAT of 590 (if taken after March 2016). engr.utk.edu/future-students/admission-requirements

ESTIMATED COST OF ATTENDANCE
Academic Year 2019–2020
Undergraduate in-state student $26,344
Undergraduate out-of-state student $44,764
Engineering fee (per semester hour) $65
onestop.utk.edu/tuition-fees

SCHOLARSHIPS & FINANCIAL AID
Hope Scholarship
Available to in-state students with a minimum 21 ACT (980 old SAT or 1060 new SAT) or an overall weighted minimum 3.0 GPA. onestop.utk.edu/scholarships/hope

Other Scholarships and Financial Aid onestop.utk.edu/scholarships

UNDERGRADUATE 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

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

OUTSTANDING FACULTY
The college has world-renowned experts and researchers spanning multiple disciplines, including four National Academy of Engineering members; one Distinguished Scientist; two Distinguished University Professors; 12 UT-ORNL Governor’s Chairs; 43 endowed faculty, professorships, and faculty fellows; three named professors of practice; and the Wayne T. Davis Dean’s Chair.

GET IN TOUCH
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tickle.utk.edu
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facebook utk.tce twitter @utk_tce
linkedin linkedin.com/schools/utk.tce
youtube youtube.com/c/UTTickleCollegeofEngineering
ACADEMIC SUPPORT PROGRAMS

Stoneking 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 Advising Services
Works with students to cocreate individualized, well-rounded academic plans and find cocurricular activities such as research internships, co-ops, study abroad, and service opportunities.

tickle.utk.edu/advising

Engineering Professional Practice
Assists students with obtaining paid, educationally relevant, real-world engineering experiences through co-op and internship placements. Co-ops offer structured learning environments in industry where students work full time for a semester and develop increasing responsibilities in a professional setting related to their academic and career goals. Internships provide a condensed set of experiences through a single engineering work semester, typically in the summer.

www.coop.utk.edu

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/global-experiences

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 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
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

Summer 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/diversity/pre-college

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

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, and automatic enrollment of incoming students in the engage program help build togetherness from day one.

Forming study groups early in freshman year is critical to building camaraderie and a strong support network. 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 27,000+ alumni are spread throughout the globe in more than 80 countries, with roughly half located in Tennessee. Many alumni stay actively involved with the college and current students through mentoring and networking.

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.