Degrees Granted in Academic Year 2015-2016

<table>
<thead>
<tr>
<th>Degree</th>
<th>Undergraduate</th>
<th>Master of Science</th>
<th>Doctor of Philosophy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science</td>
<td>519</td>
<td>181</td>
<td>90</td>
</tr>
<tr>
<td>Master of Science</td>
<td>761</td>
<td>42</td>
<td>21</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>97</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>790</td>
<td>226</td>
<td>116</td>
</tr>
</tbody>
</table>

Degrees Offered

**Bachelor of Science:**
- 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
- Nuclear Engineering

**Master of Science:**
- 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

**Doctor of Philosophy:**
- Aerospace Engineering
- Biomedical Engineering
- Biosystems Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Electrical Engineering
- Energy Science & Engineering
- Engineering Science
- Industrial Engineering
- Materials Science & Engineering
- Mechanical Engineering
- Nuclear Engineering

*Degrees offered in the College of Agricultural Sciences and Natural Resources. See casn.utk.edu for more information.

Enrollment for Academic Year 2016-2017

<table>
<thead>
<tr>
<th>Enrollment Category</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>2,602</td>
<td>127</td>
</tr>
<tr>
<td>Female</td>
<td>633</td>
<td>386</td>
</tr>
<tr>
<td>African-American</td>
<td>127</td>
<td>127</td>
</tr>
<tr>
<td>Other minorities</td>
<td>386</td>
<td>127</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,235</td>
<td>1,103</td>
</tr>
</tbody>
</table>

The entering freshman engineering class had an average composite ACT score of 29.

Alumni Information

Graduates of the BS curricula offered by the college may pursue advanced graduate study or take positions in private industry or government. The average 2016 starting salary for a Tickle College of Engineering graduate with a bachelor’s degree was $65,300.

Half of our graduates stay in Tennessee; half represent UT engineering across the United States and around the world.

Costs for Academic Year 2016-2017

<table>
<thead>
<tr>
<th>Tuition &amp; Fees Category</th>
<th>New (admitted fall 2014 and after)</th>
<th>Returning (admitted pre-fall 2014)</th>
<th>Returning (admitted pre-fall 2013)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Tennessee Resident</td>
<td>$12,724</td>
<td>$12,498</td>
<td>$11,038</td>
<td>$12,724</td>
</tr>
<tr>
<td>Returning (admitted pre-fall 2014)</td>
<td>$31,144</td>
<td>$30,918</td>
<td>$29,458</td>
<td>$31,144</td>
</tr>
<tr>
<td>Undergraduate Non-Tennessee Resident</td>
<td>$12,834</td>
<td>$12,608</td>
<td>$11,148</td>
<td>$12,834</td>
</tr>
<tr>
<td>Undergraduate Non-Tennessee Resident</td>
<td>$31,252</td>
<td>$31,022</td>
<td>$29,562</td>
<td>$31,252</td>
</tr>
</tbody>
</table>

Housing and Food (estimated)*

- Undergraduate: $10,238
- Graduate: $12,780

Engineering Fee (per student credit hour) $63

Students who are Tennessee residents with a minimum ACT score of 21 (980 old SAT or 1060 new SAT), or have an overall weighted minimum 3.0 GPA, are eligible to receive the HOPE Scholarship ($3,500–$4,500 yearly).

Incoming first-year students with a minimum 3.8 UT weighted core GPA are eligible to receive the Volunteer Scholarship. Based on ACT/SAT scores, the awards range from $3,000 to $8,000 for Tennessee residents and from $10,000 to $18,000 for out-of-state students. For details: onestop.utk.edu/financial-aid.
### Academic Support Programs

**Engineering Honors Program**

[www.engr.utk.edu/ehp](http://www.engr.utk.edu/ehp)

The Tickle College of Engineering 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 twenty-first century. Admission as a first year student to the EHP is by invitation, which is extended by the Dean’s office to students meeting rigorous academic standards.

**The Jerry E. Stoneking engage™ Program**

[www.engr.utk.edu/efd](http://www.engr.utk.edu/efd)

Freshman students admitted to the Tickle College of Engineering are automatically enrolled in one of the nation’s most innovative freshman engineering programs—the engage™ Program—a cutting edge, success-oriented approach to first-year engineering education. The engage™ Program’s curriculum is built around teaming students for project-oriented, hands-on activities.

**Engineering Advising Services (EAS)**

[www.engr.utk.edu/advising](http://www.engr.utk.edu/advising)

The Engineering Advising Services Office provides academic program planning services to undergraduate students in the Tickle College of Engineering.

**Engineering Professional Practice**

[www.coop.utk.edu](http://www.coop.utk.edu)

Since 1926, the Office of Engineering Professional Practice has assisted thousands of engineering students to obtain educationally relevant real-world engineering experiences through the cooperative education (co-op) and internship education programs. The highly competitive co-op program is the office’s premier program and offers structured learning environments where students develop increasing responsibilities by holding full-time, paid positions in a professional setting related to their academic and career goals normally alternating between three semesters of work and school with the same company. The internship education program provides students a condensed set of experiences through a single engineering work semester, typically in the summer.

**Distance Education Graduate Degrees and Certificates in Engineering**

[www.engr.utk.edu/academics/de](http://www.engr.utk.edu/academics/de)

Distance Education (DE) provides motivated individuals an opportunity to further their engineering education without having to attend instructional sessions in traditional classrooms. The Tickle College of Engineering offers selected conventional academic degree programs and graduate certificate programs through DE. Consult departments for details.

### Diversity Initiatives

**Engineering Diversity Programs Office (EDP)**

[www.engr.utk.edu/diversity](http://www.engr.utk.edu/diversity)

The Engineering Diversity Programs (EDP) Office strives to increase the number of underrepresented students, including African Americans, Hispanics, Alaskan Natives, Pacific Islanders, and Native Americans, who graduate with engineering degrees.

**The Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP)**

[tlsamp.utk.edu](http://tlsamp.utk.edu)

TLSAMP, a program sponsored by the National Science Foundation (NSF), was created to help double the number of underrepresented students attending college and graduating with degrees in science, technology, engineering, and math (STEM) from six participating universities in Tennessee.

**Summer Pre-College Programs**

[www.engr.utk.edu/diversity/pre-college-programs](http://www.engr.utk.edu/diversity/pre-college-programs)

The Tickle College of Engineering hosts a series of summer engineering programs for rising seventh to twelfth grade students each summer. Each program is a one-week residential experience. The mission is to provide students who show an interest in engineering studies an early exposure to and preparation for scientific study and research.

### Research Centers

**Center for Materials Processing (CMP)**

[cmp.utk.edu](http://cmp.utk.edu)

— Designated by the state of Tennessee as a Center of Excellence, the CMP supports teaching and conducting basic and applied research emphasizing relationships between processing, structure on various scales, and properties of all classes of materials. The CMP fosters faculty and student relationships with industrial partners through a variety of industrial memberships.

**Center for Transportation Research (CTR)**

[ctr.utk.edu](http://ctr.utk.edu)

CTR investigators address technical and policy-related issues through sponsored research in highway transportation safety, railway and inland waterway systems, transportation economics, goods movement, transportation planning, traffic demand modeling, and STEM education. CTR also works with community agencies to meet the needs of transportation disadvantaged citizens through a van purchase program.

**Innovative Computing Laboratory (ICL)**

[icl.utk.edu](http://icl.utk.edu)

— The Innovative Computing Laboratory is a world leader in enabling technologies and software for scientific and high performance computing. ICL’s vision is to provide high performance tools to tackle science’s most challenging problems and to play a major role in the development of standards for scientific computing in general. As a Center of Excellence, the CMP supports teaching and conducting basic and applied research emphasizing relationships between processing, structure on various scales, and properties of all classes of materials. The CMP fosters faculty and student relationships with industrial partners through a variety of industrial memberships.

**Institute for a Secure and Sustainable Environment (ISSE)**

[isse.utk.edu](http://isse.utk.edu)

— The Institute seeks to promote the development of policies, technologies, and educational programs that cut across multiple disciplines, engage the university’s research faculty and staff, and grow in response to pressing environmental and security issues facing the state, the nation, and the globe.

**Reliability & Maintainability Center (RMC)**

[rmc.utk.edu](http://rmc.utk.edu)

— The RMC is a university-industry association dedicated to improving industrial productivity, efficiency, safety, and profitability through advanced reliability and maintainability technologies and management principles. A key focus is on helping organizations attain and sustain high quartile performance. The RMC offers education and professional development, R&M interns, conferences, research, and industry-focused initiatives.

**Scintillation Materials Research Center (SMRC)**

[smrc.utk.edu](http://smrc.utk.edu)

— The Scintillation Materials Research Center is a multidisciplinary research facility supported by Siemens Medical Solutions and by federal agencies. The center’s mission is to discover and develop new scintillation materials with applications in medical imaging and national security.