The Tulane University School of Science and Engineering combines the very best of a top tier research university with a strong commitment to high quality undergraduate education. Our faculty, who conduct research at the forefront of their disciplines, offer outstanding degree programs at the undergraduate and graduate levels in the areas of behavioral science, biological science and engineering, chemical science and engineering, earth and ecological science, mathematics and computational science, and physical science and engineering.

**DEGREES** The School of Science and Engineering offers 14 undergraduate degree programs, and at the graduate level, 11 master programs and 10 doctoral programs.

### Undergraduate Degree Programs
- Biological Chemistry
- Biomedical Engineering
- Cell & Molecular Biology
- Chemical Engineering
- Chemistry
- Ecology & Evolutionary Biology
- Engineering Physics
- Environmental Biology
- Environmental Science
- Geology
- Mathematics
- Neuroscience
- Physics
- Psychology

### Graduate Degree Programs
- Biomedical Engineering
- Cell & Molecular Biology
- Chemical & Biomolecular Engineering
- Chemistry
- Computational Science*
- Earth & Environmental Science
- Ecology & Evolutionary Biology
- Environmental Science*
- Geology*
- Mathematics
- Neuroscience
- Physics
- Psychology
- Statistics*

*Denotes Master Degrees Only

### FACULTY
The School of Science and Engineering currently has a team of 54 professors, 29 associate professors, 32 assistant professors, 24 professors of practice and 16 research professors.

The School of Science and Engineering is supported by 13 endowed chair positions, 6 professorships and 5 early career professorships.
**STUDENTS**  Currently, the School of Science and Engineering has 1370 full-time undergraduates, 92 master students, and 293 doctoral students.

Last year nearly 200 undergraduate students participated on projects linked to sponsored research in the School of Science and Engineering.

Our students benefit from 52 endowed scholarship and fellowship funds explicitly targeted to science and engineering students.

**Tulane’s Undergraduate Enrollment**

**Tulane’s Doctoral and Masters Enrollment**

**RESEARCH**  The faculty of the School of Science and Engineering attracts $20 million dollars in sponsored research and generates over 200 articles in archival journals annually.

The School of Science and Engineering generates millions in research dollars for the University, champions undergraduate education, and successfully graduates the largest number of doctoral students at Tulane.

**Tulane’s Sponsored Research**
The following centers are housed in the School of Science and Engineering:

Center for Anatomical and Movement Sciences (CAMS) – an anatomy and physiology laboratory. It provides courses involving cadaver dissection for biomedical engineering and pre-professional students.

Center for Computational Science (CCS) – is the first Center established in the Gulf region to focus on computational science research projects across many disciplines. The Center provides an infrastructure for investigators interested in computational science to exchange ideas, produce research and establish new collaborations.

Center for Polymer Reaction Monitoring and Characterization (PolyRMC) – one of the world’s premier centers for research and development in polymerization reaction monitoring, it is involved in comprehensive monitoring of polymerization reactions, accelerating the creation of new materials, and promoting full-scale reactor control.

Coordinated Instrumentation Facility (CIF) – a university-wide research instrumentation center that houses state-of-the-art general purpose analytical instruments and specialized instruments for materials research.

National Institute for Climate Change Research (NICCR) Coastal Center – devoted to mobilizing university researchers, from all regions of the country, in support of climatic change research objectives to reduce scientific uncertainty about the response of coastal ecosystems to changes in climate and sea levels.

Tulane Institute for Macromolecular Engineering and Science (TIMES) – devoted to the research needs of the polymer industry and industries that use polymers. Its mission is realized by conducting world class basic and applied research of long term relevance to the industry.

Tulane Transgenic Mouse Facility – provides the Tulane University community by transgenic and knockout mice. These mice are essential for research in the function of genes in embryonic development and disease pathogenesis.

Tulane-Xavier Center for Bioenvironmental Research (CBR) – conducts coordinated interdisciplinary research to enhance global understanding of environmental issues, provide solutions through new applications and inform policy and practices. Sample programs include the UrbanEco Initiative, Human and Ecological Health: From Bedside to Bayou, and an Environmental Learning program aimed at enhancing environmental literacy in diverse communities.

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