Learn.
Discover.
Collaborate.
Innovate.
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.

DEGREES
The School of Science and Engineering offers the following undergraduate and graduate degree 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 Biology*
- Environmental Science*
- Geology*
- Interdisciplinary Ph.D.
- Mathematics
- Neuroscience
- Physics
- Psychology
- Statistics*

*DENOTES MASTERS DEGREES ONLY

FACULTY
The School of Science and Engineering currently has a team of 58 professors, 33 associate professors, 28 assistant professors, 31 professors of practice and 16 research professors.

The School of Science and Engineering is supported by 12 endowed chair positions, 7 endowed professorships and 6 endowed early career professorships.

SSE’s Faculty

![Bar chart showing faculty distribution from 2007 to 2013](chart.jpg)
STUDENTS

Currently, the School of Science and Engineering has 1743 full-time undergraduates, 118 master students, and 312 doctoral students. Last year over 250 undergraduate students participated on projects linked to sponsored research in the School of Science and Engineering. Our students benefit from 65 endowed scholarship and fellowship funds explicitly targeted to science and engineering students.

RESEARCH

The faculty of the School of Science and Engineering attracts more than $20 million dollars in sponsored research and generates over 500 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.
Facilities

The following facilities comprise the campus of the School of Science and Engineering:

Percival Stern Hall
Lindy Boggs Center for Energy & Biotechnology
Israel Environmental Sciences Building
Stanley Thomas Hall
Walter Blessey Hall
Flower Hall for Research & Innovation
Science and Engineering Lab Complex
Science and Engineering Facilities
Psychology Labs at University Square
CAMS – within the Reily Center Complex

The faculty of the School of Science and Engineering are affiliated with the following Tulane University research centers:

**CANCER CENTER** - devoted to enhance teaching, research and patient care at Tulane, to foster scientific discovery and to translate research advances into clinical cancer care, and to improve cancer prevention and early detection.

**CENTER FOR AGING** - dedicated to the strengthening of training and service in the areas of geriatric medicine and gerontology in cooperation with the Section of General Internal Medicine and Geriatrics in the Department of Medicine and the School of Social Work, respectively. Our educational activities reach beyond the university and into the community.

**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 INFECTIOUS DISEASES** - a matrix center within Tulane University, not geographically bound to a single floor or building, but with membership from almost every school and every campus across Tulane University. Long-term goals are to promote infectious disease research throughout the university, establish mentoring programs for junior faculty, facilitate the submission of program project and training grants, and increase infectious disease funding at Tulane University.

**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.

**CENTER FOR STEM CELL RESEARCH AND REGENERATIVE MEDICINE** - devoted to developing new therapies for a series of common diseases including osteoporosis, osteoarthritis, Parkinsonism, spinal cord injury, stroke, diabetes and Alzheimer’s disease.

**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 level.

**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.