

Department of Chemical and Biomolecular Engineering
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Doctor of Philosophy (PhD) at Tulane University

in Chemical and Biomolecular Engineering



Learn. Discover. Collaborate. Innovate.

The PhD program in Chemical and Biomolecular Engineering (CBE) at Tulane University offers students a high level education that is centered around the opportunity to perform diverse, cutting edge, interdisciplinary research under the close mentorship of our faculty members.

The department consists of 12 tenure-track faculty members and one courtesy appointment with unique backgrounds and research interests ranging from statistical mechanics and thermodynamics to molecular simulations, energy, the environment, and cellular engineering. Our graduate students come from around the world. The current faculty to graduate student ratio of approximately 3 allows for individualized attention to the progress of each student leading to a personalized experience here at Tulane.

The department is the third oldest in the United States and has its roots in industrial chemistry. Today, the department continues a strong tradition of rigorous learning coupled with the joy of discovery. Located in New Orleans, Louisiana, Tulane offers world class research training with a unique cultural experience.

Innovative Research

Our research areas represent new and exciting directions in Chemical Engineering, centered on the themes of *Advanced Materials*, *Biomolecular Engineering*, and *Novel Environmental and Energy Technologies*. Graduate students perform interdisciplinary research and have access to state-of-the-art research equipment and computing resources. For more information on research areas, please visit:

<https://sse.tulane.edu/cbe/research>



**Tulane
University**

SCHOOL OF
SCIENCE AND ENGINEERING



Financial Aid

Full financial aid (tuition + stipend) is given to all students admitted to the PhD program.

Health Care

The department provides 100% of the student health care premiums.

Low Time to Degree

The average time to degree is 5 years.

Professional Development

PhD candidates present their research results at regional, national and international meetings, have internships and community outreach opportunities, and have access to a wide variety of professional development workshops.

Apply Now!

Applications for Fall 2024 are now being accepted. Admission is highly selective and competitive. Students with a strong academic background and a serious interest in scientific research are encouraged to apply. Students with undergraduate degrees in other engineering disciplines or the sciences are frequently accepted and thus also encouraged to apply. Interested students may complete an online application at:

<https://applygrad.tulane.edu/apply/>

Application fee is waived.