

“Beyond acquiring knowledge and technical skills, our students are exposed to innovative models of accessing information, communicating ideas, and developing applications.”

Matthew Tirrell
Dean, Pritzker School of
Molecular Engineering

The PME Difference:

- Learn how to lead
- Deepen your technical skills
- Gain hands-on experience
- Build your network for life

PME230027

pme.uchicago.edu

THE UNIVERSITY OF CHICAGO
PRITZKER SCHOOL OF
MOLECULAR ENGINEERING

THE UNIVERSITY OF
CHICAGO

THE UNIVERSITY OF CHICAGO
PRITZKER SCHOOL OF
MOLECULAR ENGINEERING

**ENGINEER
YOUR
FUTURE**

Engineer Your Future

The University of Chicago has a rich history of shaping and defining new fields of study. The Pritzker School of Molecular Engineering (PME) at the University of Chicago is the first school in the nation dedicated to molecular engineering, which applies molecular-level science to the design of advanced devices, processes, and technologies to solve pressing real-world issues—like providing clean water and energy; information security; and advanced medical solutions and devices.

The PhD Programs at PME

The PhD programs at UChicago's Pritzker School of Molecular Engineering offer a growing team of world-class researchers from diverse science and engineering disciplines who take a hands-on approach to mentoring students.

You'll work closely with our renowned and respected faculty to explore your scientific interests while developing the skills necessary to turn your innovations into real-world applications.

Master Core Skills

Our core curriculum provides you with the foundation to master skills within multiple engineering fields.

Fine-tune your education in the field of your choice through in-depth courses in molecular engineering or quantum engineering and technology, with additional opportunities in physics, chemistry, biophysics, computer science, and biological sciences.

Prepare to Lead

Engage in meaningful research beginning in your first year. Take elective courses that develop core competencies in communication, knowledge synthesis, scholarship, leadership, and entrepreneurship—the skills you'll need to go from discovery to innovation to real-world application.

Broaden Your Expertise

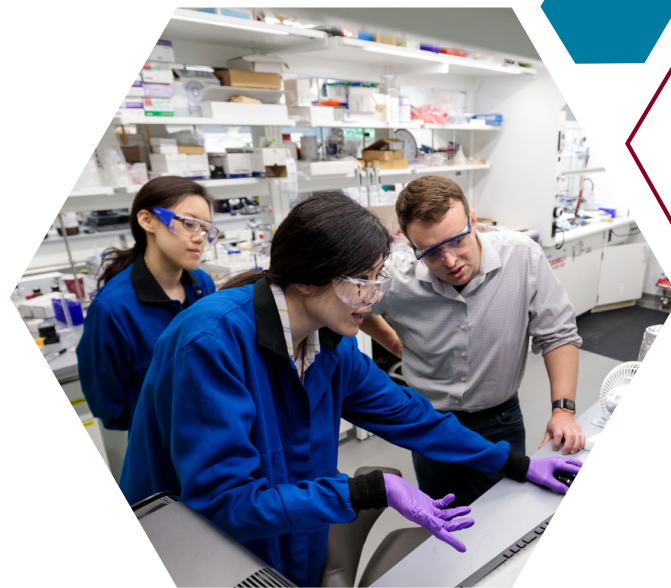
PhD students can participate in elective programs at the Booth School of Business, Harris School of Public Policy, the Polsky Center for Entrepreneurship and Innovation, and other departments across campus.

Engage and Collaborate across Fields

At PME, you'll have an opportunity to cultivate relationships with academic partners from a wide range of disciplines across the University of Chicago and Argonne National Laboratory as well as with industrial partners.

Graduate Research Cooperative Program

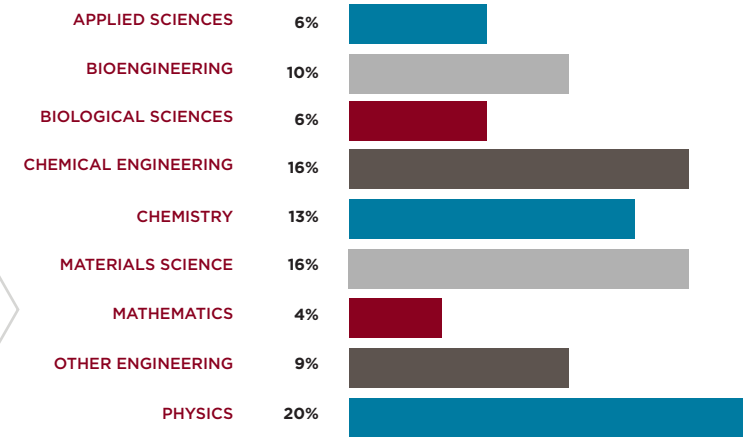
The PME offers opportunities to pursue your PhD project with scientists and engineers at Argonne National Laboratory.



Cutting-Edge Facilities

The remarkable UChicago core facilities utilized by students, faculty, and researchers include the Pritzker Nanofabrication Facility, the Soft Matter Characterization Facility, and the Single Cell Immunophenotyping Core. UChicago's integral partnership with Argonne National Laboratory provides PME faculty and students access to additional world-class laboratories and tools.

Learn with an Interdisciplinary Cohort



PME takes pride in the diverse range of disciplines our students represent. Our school brings together accomplished graduates from a variety of fields to collaboratively research and learn from one another.

Two Career-Advancing Degree Options

PhD in Molecular Engineering

The PhD in Molecular Engineering emphasizes solution-focused collaboration and allows students to focus on Immunoengineering or Materials Systems for Sustainability and Health.

PhD in Quantum Science and Engineering

The PhD in Quantum Science and Engineering is the first degree of its kind in the nation, focused on topics that will shape the quantum future. These include quantum computing, quantum communications, quantum materials, and quantum sensing.

Join a Robust Network

As a PhD student, you're part of a larger network that spans the University of Chicago and beyond, both academically and professionally. Connect with other accomplished UChicago alumni, and take advantage of PME's relationships with industrial partners and scientific institutions throughout the greater city of Chicago, the United States, and around the world to grow your career and your connections. PME graduates have gone on to work with IBM, Boeing, Google, Intel, HRL Laboratories, and many more organizations.

Engineer your future. Apply now.

To apply

Visit pme.uchicago.edu/apply

To find out more

Visit pme.uchicago.edu/phd

Have questions?

Connect with our Dean of Students Office by emailing applpme@uchicago.edu or calling 773-834-6476



4 THEMATIC AREAS



Immunoengineering



Quantum Engineering



Materials Systems for Sustainability and Health



Arts, Sciences and Technology

THE UNIVERSITY OF CHICAGO
PRITZKER SCHOOL OF MOLECULAR ENGINEERING

