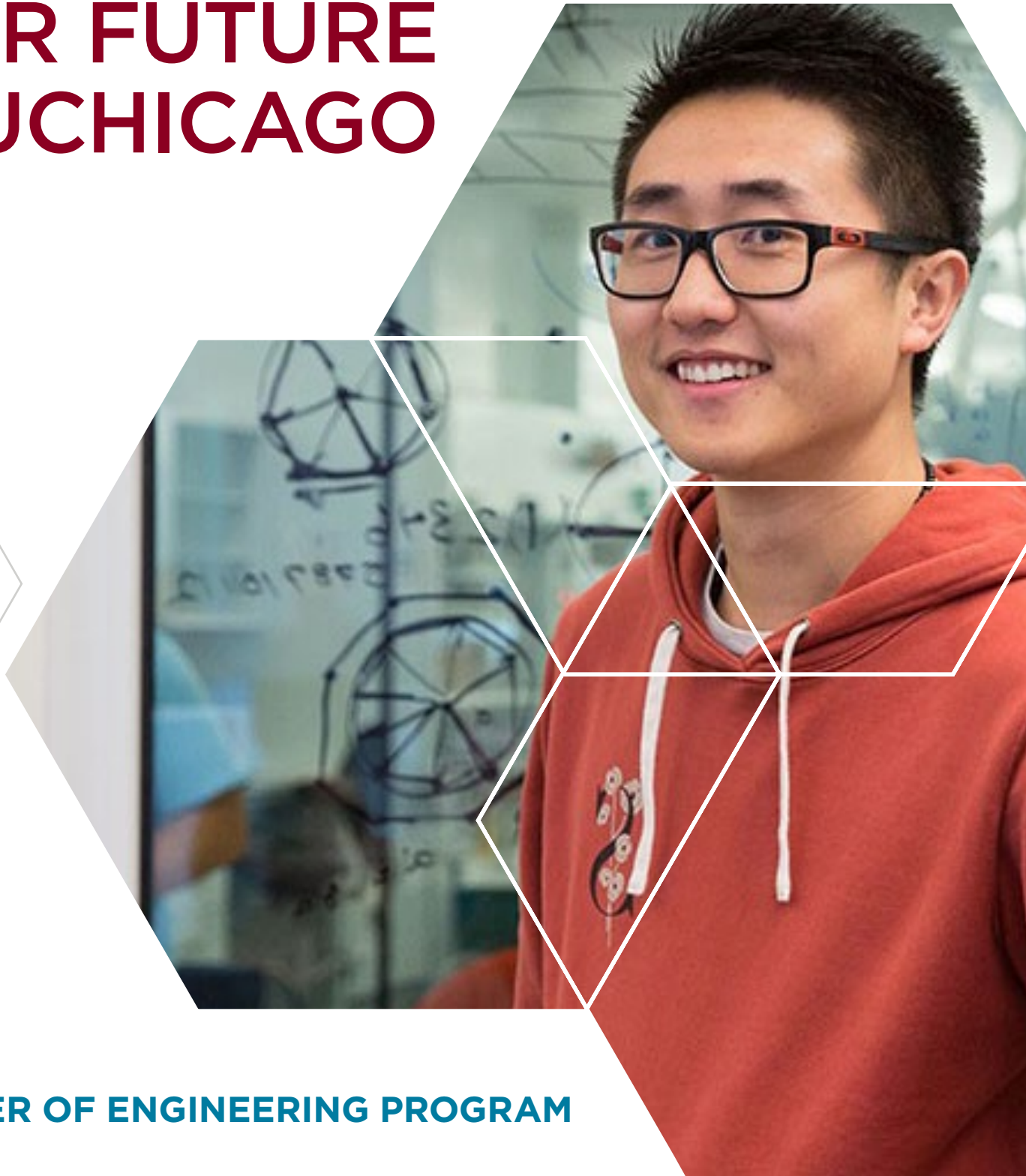


# ENGINEER YOUR FUTURE AT UCHICAGO



**MASTER OF ENGINEERING PROGRAM**

The UChicago Pritzker School of Molecular Engineering brings together leading scientists and engineers to solve some of humanity's biggest problems. Through interdisciplinary research, we are addressing some of the most significant issues facing the world today, including water scarcity, quantum information, healthcare, and sustainable energy.

**\$980M**

PME has helped catalyze almost a billion dollars in regional investment to Chicagoland

**26%**

of PME faculty are members of a National Academy

**\$1.43M**

average annual grant expenditures per faculty

**44**

faculty members, including 10 joint appointments

**82** PME patents issued since July 2011

**183** PME patents licensed since July 2011

**52** Invention disclosures (FY24)

**22** patents issued (FY24)

**19** patents licensed (FY24)

**13+**

incorporated or emerging startups

**INTERDISCIPLINARY BY DESIGN**

Unlike traditional schools and departments, which focus on singular areas of study, PME is organized into interdisciplinary, problem-solving themes that bring together experts across fields to develop pivotal new approaches.

**PME faculty are catalysts for collaborative change in the following efforts:**

- Chicago, as a **Quantum Tech Hub** drives innovation and educates the workforce of tomorrow.
- **Great Lakes ReNEW**, supported by the NSF, seeks to create clean water for all in Chicagoland and beyond.
- **Chan Zuckerberg Biohub Chicago** seeks to understand and treat the inflammatory states that underlie many diseases.

**STUDENTS**

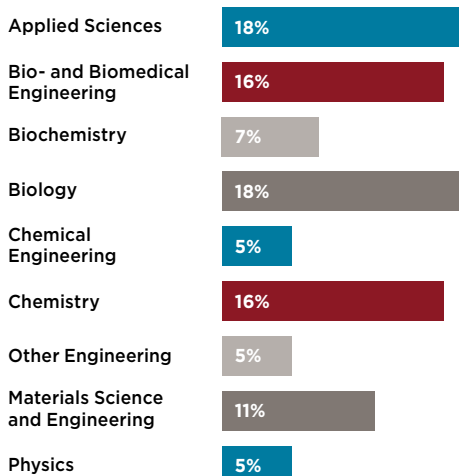
**315** graduate students

**149** undergraduate students

**38** countries represented

**34%** female enrollment and growing

PME pulls from 8+ science and engineering disciplines:



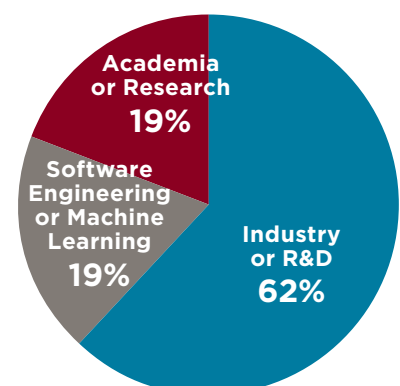
**ALUMNI**

PME is part of a robust ecosystem of leading academic, corporate, and government partnerships and maintains close partnerships with Argonne National Laboratory, Fermilab, and others.

PME helps its master's students secure positions at leading companies, including:

- |                     |                 |
|---------------------|-----------------|
| Sherwin-Williams    | TandemAI        |
| HP                  | Argmax          |
| Amazon Web Services | QuantCAD LLC    |
| Medtronic           | Rev Innovations |
| Accenture           | Hadrian         |
|                     | Many others...  |

Post-graduation, PME students pursue careers in:



**30** Argonne and **1** Fermilab / UChicago Consortium for Advanced Science and Engineering (CASE) scientists affiliated with PME.

# Master of Engineering

The Master of Engineering (MEng) program at UChicago's Pritzker School of Molecular Engineering (PME) is designed to accelerate your career as an engineer and prepare you for leadership positions in entrepreneurship and established industries. Students take technical courses specific to an area of interest, but every student shares a series of professional development courses with the entire MEng cohort.

## Engage and Learn

- How to effectively communicate and negotiate with stakeholders, plan and manage complex technical projects, and build and maintain high-performance teams.
- To develop strong technical and scientific skills, enabling students to solve complex problems and drive innovation.
- To deal with complex and ambiguous situations, systems, and personalities and to navigate them constructively.
- To pioneer responsible approaches to regulatory and organizational challenges.
- To translate new scientific concepts into commercial products that address human needs.
- Most importantly, you'll learn how to lead and innovate ethically and successfully, preparing you for a fulfilling career in engineering.

## Expand Your Network

- Networking at PME goes beyond the classroom—you'll engage directly with industry leaders.
- You'll benefit from PME's relationships while pursuing internships and employment opportunities.
- Your program peers will assume leadership roles in various enterprises after graduation, and this robust network of alumni will be a valuable resource throughout your career.

## Jumpstart Your Career

- Become part of the world-class University of Chicago community and join a network that extends across campus and beyond, both academically and professionally.
- Engage in a rich intellectual and industry leadership ecosystem, including Argonne National Laboratory, the Booth School of Business, the Harris School of Public Policy, and the Polsky Center for Entrepreneurship and Innovation.
- Take courses with esteemed faculty and industry leaders.
- Explore internship and employment opportunities through PME's Office of Career Development.
- Join our growing master's alumni network.



**“Our world-class Master of Engineering degree offers students the opportunity to obtain the critical skills needed to quickly assume leadership positions in engineering across a variety of emerging and traditional fields.”**

**Nadya Mason**

Dean, UChicago Pritzker School of Molecular Engineering

# Focus Your Degree in One of the Following Areas:

## Bio- and Immunoengineering

Engineer healthcare solutions to meet the needs of a growing and aging population.

This track is ideal for candidates interested in medicine, the biomedical and pharmaceutical industries, biomaterials, immunoengineering, tissue engineering, and cancer biology.

## Quantum Engineering

NEW

Contribute to the growing field of quantum information, with applications to computation, cybersecurity, finance, and simulation.

This track is perfect for candidates interested in a career or advanced studies in quantum computation, either applied to hardware development or building computational tools and software.

## Energy and Sustainability

NEW

Design systems that store and convert energy in ways that are sustainable, environmentally friendly, and compatible with existing and future technologies, and can have a significant positive impact on the world.

This track is well-suited for candidates interested in battery engineering and recycling, sustainable materials, water preservation and reclamation, and electrochemistry.

## Soft Materials

Create materials that are sustainable, environmentally friendly, and specifically designed at the molecular level.

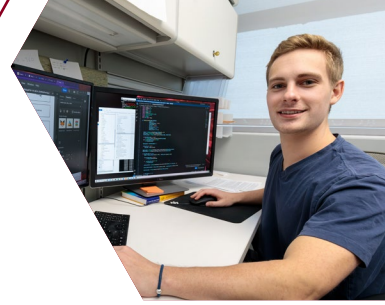
This track is tailored for candidates interested in soft materials, polymers, packaging and coatings, consumer products, biomedicine, pharmaceuticals, water conservation, and sustainability.

## Computational Modeling of Materials

Understand, evaluate, and design materials using computational techniques to accelerate materials innovation.

This track is ideal for candidates interested in a career or advanced studies in molecular engineering, materials science, chemical engineering, applied physics, polymer science, and allied fields.





# Why UChicago

## **FAST TRACK YOUR CAREER IN AS LITTLE AS 10 MONTHS**

The MEng degree prepares students for leadership positions in entrepreneurship and established industries, offering a blend of technical and professional education.

## **FLEXIBLE OPTIONS**

Complete the MEng program in one year (three quarters) or opt for a four-quarter path to include a summer internship.

## **DYNAMIC CURRICULUM**

The program includes nine courses and an Innovation Leadership Workshop, focusing on technical skills and professional development.

## **PERSONALIZED SUPPORT**

Students receive personalized academic advising with our flexible curriculum, ensuring a customized educational experience tailored to individual career goals.

## **UCHICAGO CONNECTIONS**

Engage with industry leaders and benefit from PME's extensive network, including the rich UChicago intellectual ecosystem of the Booth School of Business, the Polsky Center for Entrepreneurship and Innovation, and the Harris School of Public Policy.

## **COMPARABLE COST**

Drive your career forward with a degree from UChicago at a comparable cost to competitive programs

## **ACCELERATED CAREER OUTCOMES**

PME graduates pursue rewarding careers in academia, government, and industry with companies such as Apple, AstraZeneca, Genentech, Google, Intel, Medtronic, Samsung, and many others...

# Engineer Your Future Apply Now

## **START YOUR JOURNEY HERE:**

[pme.uchicago.edu/apply](https://pme.uchicago.edu/apply)



### **QUESTIONS?**

Connect with our Dean of Students Office by emailing [applypmemasters@uchicago.edu](mailto:applypmemasters@uchicago.edu) or calling 773.702.1592.



PME250050

[pme.uchicago.edu](http://pme.uchicago.edu)



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**PRITZKER SCHOOL OF  
MOLECULAR ENGINEERING**



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