

MechSE MS and PhD Programs

Mechanical Engineering • Theoretical and Applied Mechanics



I ILLINOIS

Mechanical Science & Engineering

GRAINGER COLLEGE OF ENGINEERING

HOW DO *YOU* WANT TO CHANGE THE WORLD?

The Department of Mechanical Science and Engineering (MechSE) at Illinois offers world-class graduate education and research opportunities with internationally renowned faculty in [Mechanical Engineering](#) and [Theoretical and Applied Mechanics](#). As part of The Grainger College of Engineering, MechSE offers unique and exceptional resources for students to conduct world-changing research.

Our [innovation-rich environment](#) and focus on the cutting-edge creates a graduate experience that enables you to push the boundaries of engineering, science, and creativity. Our graduates are leaders and innovators in research, industry, technology, higher education, and public service.

MechSE's graduate programs are consistently ranked among the [best in the world](#).

Strength in Numbers

100% of our incoming PhD track students are now [funded](#) through fellowships, research assistantships, and teaching assistantships, and receive [full tuition waivers](#).

22% of our incoming MS/PhD track students in Fall 2021 were [women](#)—well above the national average for women graduate engineering students.

Degree Programs

- **MS in Mechanical Engineering (ME)**
- **MS in Mechanical Engineering (ME) — online**
- **MS in Theoretical and Applied Mechanics (TAM)**
- **PhD in Mechanical Engineering (ME)**
- **PhD in Theoretical and Applied Mechanics (TAM)**

Unparalleled Research Opportunities

In MechSE, we have more than 60 full-time faculty who are engaged in groundbreaking, multidisciplinary research in a broad range of areas, many of them centering around:

Biomechanics
Controls and Dynamics
Fluids and Thermal Sciences

Nanomechanics and Nanomanufacturing
Solids and Materials

Opportunities to Engage

MechSE offers organizations that allow graduate students to grow professionally, network, serve the community, and have fun. [Graduate MechSE Students \(GraMS\)](#) and [Women in MechSE \(WIM\)](#) are thriving student organizations offering both social and professional development activities. [ENVISION \(ENgineers Volunteering In STEM educatiON\)](#) is MechSE's student-run service initiative, with outreach to K-8th graders. MechSE students are also active in national organizations like NSBE, SHPE, and SWE.





Apply Now!

Learn more about our MS/PhD programs:

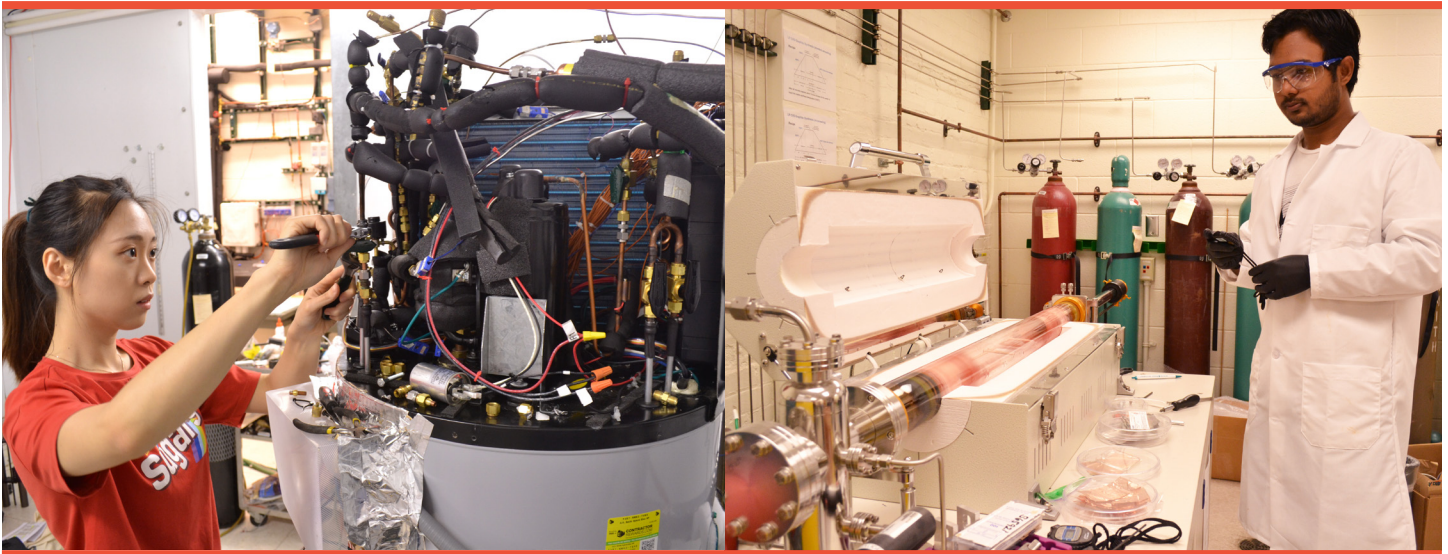
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