

# 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

**98%** of our incoming MS/PhD track students in Fall 2019 were [funded](#) through fellowships, research assistantships, and teaching assistantships, and received [full tuition waivers](#).

**28%** of our incoming MS/PhD track students in Fall 2019 were [women](#)—8% ahead of 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:

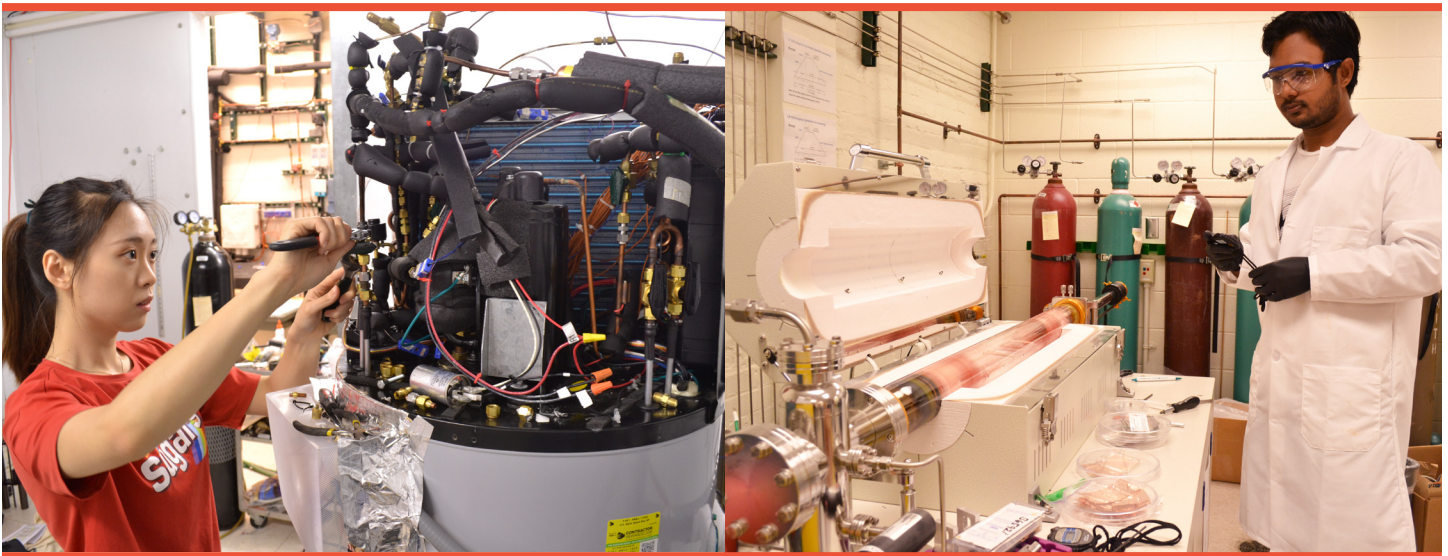
[mechse.illinois.edu/graduate](https://mechse.illinois.edu/graduate)

[mechse-grad@illinois.edu](mailto:mechse-grad@illinois.edu)

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Get started:

[grad.illinois.edu/apply](https://grad.illinois.edu/apply)



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