INTERDISCIPLINARY PATHWAYS: Master of Science in Mechanical Engineering

A Master of Science (MS) in Mechanical Engineering from Lehigh opens doors for students who have undergraduate degrees in engineering, physics, applied math, or related areas to pursue new opportunities in emerging fields.

In our flexible program, students enhance their mechanical engineering knowledge base through our core curriculum, then choose an optional thesis or design project in one of our interdisciplinary research thrust areas or customize their own course concentrations.

- **Core Curriculum**
  - controls and dynamics
  - fluid mechanics
  - mechanics of materials
  - thermo & heat transfer
  - mathematical methods

- **Research Thrust Areas**
  - sustainable energy systems
  - engineering for health
  - control systems & robotics
  - bio-inspired engineering
  - artificial intelligence & design
  - computational mechanics

- **Course Concentrations**
  - aerospace
  - robotics & automation
  - energy & environmental policy
  - technical entrepreneurship
  - data science

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[engineering.lehigh.edu/meche](http://engineering.lehigh.edu/meche)

[lehighMEM](https://leetcode.com)

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