



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

