Have questions? We would be happy to help you. If you have questions concerning the application process, which programs are available, the coursework or requirements for each degree, or general information about graduate school, please contact us.

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Our students are marketable. After graduation, student find employment with local and national companies or national laboratories. Many MS students choose PhD programs at Tier 1 institutions.

About Us

The Department of Mechanical and Aerospace Engineering provides each graduate with a foundation of knowledge and experience upon which to build successful careers in mechanical engineering, aerospace engineering, or other fields where a strong engineering background is required or desirable. Graduate programs emphasize research by the faculty with a high level of student involvement providing enhanced preparation for engineering practice, research, and education. Faculty, staff, and students are committed to excellence in learning, discovery, and engagement in an environment that fosters diversity and mutual respect.

Admission Requirements

To be considered for admission, applicants must meet our minimum requirements and submit an application by the deadline. Our admission requirements are as follows:

- Bachelor’s degree from an accredited institution in mechanical or aerospace engineering, or closely related engineering discipline
- Admissions GPA greater than or equal to 3.30 in the last 60 semester credits or 90 quarter credits
- GRE scores at or above our minimum requirement:
  - Quantitative - 70% and Verbal - 40%
- Well acquainted with FORTRAN, C, or MATLAB

PhD Program

You don’t have to be an experienced researcher to pursue a PhD. Research topics could include solids, thermal fluids, dynamics and control, and even aerospace. Mechanical engineering is a very broad and diverse engineering discipline. We offer PhD programs from a BS or an MS degree.

MS Programs

Pursuing a master’s degree helps you gain specialized knowledge to advance in your field. Not only could it open opportunities for you professionally, but it will increase your earning potential in an already competitive marketplace.

Plan A: Thesis

A thesis master’s degree is research intensive, providing students with a rich experience and the opportunity to work directly with our excellent faculty. Students will be asked to develop a research proposal and complete a thesis under direct supervision of a three-faculty advising committee.

- 30 credits
  - (24 coursework, 6 thesis research)

Plan B: Project

Students who enroll in this option are expected to write a project proposal and defend a formal report.

- 30 credits
  - (27 coursework, 3 design project)

Plan C: Coursework

The non-thesis, coursework only option provides students with the in-class experience. Success is based on coursework and exams.

- 33 credits
  - (33 coursework)
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