

# Mechanical Engineering

The Department of Mechanical Engineering offers a Master of Science (M.S.) degree. The degree is a non-thesis program intended for those who expect to enter the engineering profession at an advanced level. Emphasis is placed on professional development. Applicants are expected to have a bachelor's degree in mechanical engineering or a closely related field with an accredited curriculum from an institution of recognized standing.

Educational and research facilities are available to support graduate study in engineering mechanics, experimental mechanics, robotics, vibrations, dynamical systems, engineering design, engineering acoustics, computer-aided design, materials science and thermal/fluid sciences.

## Requirements for Master of Science

- ▶ All applicants must submit GRE scores for the General Test and TOEFL scores for international applicants. A combined verbal and quantitative score >1100 (old format) or 300 (new format) is desirable.
- ▶ There is no residency, foreign language or minor requirements for this degree
- ▶ Completion of a plan of study approved by the student's advisor committee (three members):
  - ◆ A minimum of 30 semester credit hours of graduate (6000/7000 level) course work in science/engineering
  - ◆ A minimum of 21 credit hours from MECH 6000/7000 category (course substitution from other engineering/science disciplines is permitted when appropriate MECH courses are unavailable)
  - ◆ A minimum of nine credit hours of study

## M.S. and Ph.D. Programs

With departmental approval, it is also possible to complete thesis-requiring master's of science and doctoral degrees via a combination of distance learning and on-campus activities.

## Special Requirements: Students with Degrees in Fields Other than Mechanical Engineering

Admission may be offered to non-mechanical engineering BS degree holders on a case-by-case basis. Applications from civil engineering, aerospace engineering and engineering science/mechanics BS degree holders will be reviewed normally. If you are a physics, engineering physics or electrical engineering degree holder, a conditional admission may be offered. Such an admission typically requires successful completion of six to eight core undergraduate mechanical engineering courses in addition to the regular degree requirements.

Note that the Department of Mechanical Engineering does not offer online undergraduate courses and hence completion of the suggested courses elsewhere may be necessary.

## Application Procedures

- ▶ Fill out the online graduate application at [app.applyyourself.com/?id=auburn-g](http://app.applyyourself.com/?id=auburn-g) (you will be required to create an account)
- ▶ Upload your statement of purpose and college course work or resume
- ▶ Provide contact information for three references
- ▶ For more information visit [grad.auburn.edu](http://grad.auburn.edu)

[www.eng.auburn.edu/mech](http://www.eng.auburn.edu/mech)