



# Master of Engineering (MEng) in Mechanical Engineering

The Master of Engineering in Mechanical Engineering (MEng in ME) is a one- to two-year program offered by the Department of Mechanical Engineering & Materials Science of Washington University in St. Louis. The program is especially tailored for (1) individuals without an ME or AE degree who plan to change careers and enter the ME profession; (2) international students seeking to establish U.S. credentials in the ME profession; and (3) current professionals working in ME who wish to advance their skills and education. A distinctive feature of the program is the ability to customize the course content to meet specific individual needs.

## Degree requirements are as follows:

Candidates for admission should have an undergraduate degree in engineering, the physical sciences or mathematics, with a grade-point average of 2.75 or better.

*It should be emphasized that, in many states, the MEng in ME will not be sufficient to qualify the degree recipient to sit for a professional engineering exam.*

- 30 units of credit in engineering or mathematics courses are required, and these must be at the 400 level or higher. Courses from the other engineering departments (CSE, EECE, ESE and BME) are encouraged, but at least 15 of the 30 units must be in MEMS. Washington University Continuing Education Courses (i.e., the T courses or the U courses) are not permitted.
- All courses must be taken for a grade, with an overall GPA of 2.70 or higher required.
- At least 9 of the 30 units must be in MEMS courses at the 500 level.
- All 400-level courses must be either (1) approved for the Master of Science in Mechanical Engineering (ME) or Aerospace Engineering (AE) or (2) approved by the MEMS faculty for application toward the MEng degree.
- No more than 6 units of independent study are allowed.
- No more than 6 units may be transferred from another university. These units must be in engineering or math courses at the 400 level or above with a grade of B or better, and the courses must not be required for the candidate's BS degree.

Full-time MS students in any area are required to take MEMS 501 Graduate Seminar every semester. This is a zero-unit, pass/fail course.