

# The Minor in Mechanical Engineering

The minor in mechanical engineering complements a major in a field related to mechanical engineering, such as biomedical engineering, electrical engineering, physics, chemistry or architecture. The minor is intended to provide students with a credential that could enhance their opportunities for employment or graduate study. Completion of the minor demonstrates that the student has pursued a structured program approved by the faculty of the Department of Mechanical Engineering & Materials Science.

Students pursuing the minor in mechanical engineering must complete a total of 15 units of course work as described below. Courses selected for the minor program may count toward program requirements of the student's major. The subjects selected for a minor in mechanical engineering are expected to constitute a coherent program within the field of mechanical engineering. Courses taken under the pass/fail grading option cannot be used for a minor program.

## Required courses:

Code	Title	Units
MEMS 253 or BME 240	Statics and Mechanics of Materials Biomechanics	3
MEMS 255 or Physics 411	Dynamics Mechanics	3
MEMS 350	Solid Mechanics	3
<b>Total Units</b>		<b>9</b>

## Two electives from the following list:

Code	Title	Units
MEMS 301 or BME 320B	Thermodynamics Bioengineering Thermodynamics	3
MEMS 3110	Machine Elements	3
MEMS 3410	Fluid Mechanics	3
MEMS 3610	Materials Science	3
MEMS 4310	Vibrations	3

To find out more about this minor, contact the department chair or the advisor for the minor in mechanical engineering or visit the Minors webpage.