Mechanical Engineering includes the study of the following areas:

- Design and Reliability of Systems,
- Thermal, Fluid, and Energy Sciences
- Mechanics, Materials, and Manufacturing.

In addition, to the learning opportunities provided through a vibrant curriculum of undergraduate and graduate offerings, students are also provided extensive experiential learning opportunities through the Terps Racing Program (https://www.facebook.com/terpsracing) (link is external), Solar Decathlon (http://2011.solarteam.org) (link is external) and other competition teams, and undergraduate research experiences. Students are also provided opportunities to make a difference worldwide with programs such as Engineers without Borders (http://www.ewb.umd.edu) (link is external).

Programs

Major

- Mechanical Engineering Major (https://academiccatalog.umd.edu/undergraduate/colleges-schools/engineering/mechanical-engineering/mechanical-engineering-major)

Minor


Advising

Mechanical engineering students are required to meet with a departmental adviser each semester prior to registering for the following term. Mechanical Engineering has a team of faculty and staff academic advisors. Please contact the department’s Undergraduate Advising Office, 2182-2188 Glenn L. Martin Hall, at 301-405-2199, for more information or review resources including office hours and the appointment process, online at meugrad.umd.edu.

Opportunities

Co-op Programs

Participation in the Cooperative Education Program is encouraged. See Clark School of Engineering under Colleges and Schools on this site.

Honors Program

The Honors Program is administered through the Clark School of Engineering. Individual honors and awards are presented based on academic excellence and extracurricular activities.