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/), Solar Decathlon (http://2011.solarteam.org/), 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).

Programs

Major

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

Minor

- Nuclear Engineering Minor (https://academiccatalog.umd.edu/undergraduate/colleges-schools/engineering/mechanical-engineering/nuclear-engineering-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 (http://meugrad.umd.edu).

Opportunities

Co-op Programs

Participation in the Cooperative Education Program (https://eng.umd.edu/careers/students/internships/) through the Engineering Career Services Office (https://eng.umd.edu/careers/) is encouraged. See Clark School of Engineering under Colleges and Schools on this site.

Honors Program

The Engineering Honors Program (https://eng.umd.edu/engineering-honors-program/) is administered through the Clark School of Engineering.

Individual honors and awards are presented based on academic excellence and extracurricular activities.