ENERGY SYSTEMS ENGINEERING (PMSU)

Graduate Degree Program
College: Engineering

Abstract

The Professional Master of Engineering program is designed to assist engineers and technical professionals in the development of their careers and to provide the expertise needed in the rapidly changing business, government, and industrial environments.

Drawing on the innovation and expertise of the University of Maryland Energy Research Center, the Energy Systems Engineering masters program prepares professional engineers for the multi-disciplinary challenges of this rapidly growing field. Students can build on the core coursework through our defined elective sets in reliability engineering and energy systems or by mixing and matching technical electives.

For domestic students the program can be completed on a part-time basis, however international students must be enrolled full time.

Financial Assistance

Students in this program pay a special tuition rate, which does not differ between residents and non-residents of Maryland. This rate is not fully covered by graduate assistantships, fellowships or the tuition remission. Additional graduate student fees are charged. Tuition and fees are subject to change.

This program does not provide departmental assistantships or fellowships. Loans, work-study and need-based grants for citizens and permanent residents with demonstrated financial need may submit a Free Application for Federal Student Aid (FAFSA) by appropriate FAFSA deadlines. For more information on this process, visit: https://fafsa.ed.gov/deadlines.htm.

Contact

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Courses: ENCH (https://umd-curr.courseleaf.com/graduate/courses/ENCH/) ENPM (https://umd-curr.courseleaf.com/graduate/courses/ENPM/)

Admissions

GENERAL REQUIREMENTS

• Statement of Purpose (https://advancedengineering.umd.edu/application-process/)
• Transcript(s)

• TOEFL/IELTS/PTE (international graduate students (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/))

PROGRAM-SPECIFIC REQUIREMENTS

• Letters of Recommendation (3)
• Graduate Record Examination (GRE) (optional)
• CV/Resume (optional)

APPLICATION DEADLINES

Type of Applicant          Fall Deadline          Spring Deadline
Domestic Applicants
US Citizens and Permanent Residents  July 29, 2022  December 15, 2021
International Applicants
F (student) or J (exchange visitor) visas, E, G, H, I, and L visas and immigrants  March 8, 2022  September 24, 2021

RESOURCES AND LINKS:
Other Deadlines: mage.umd.edu/admissions (https://mage.umd.edu/admissions/)
Program Website: mage.umd.edu (https://mage.umd.edu/)
Application Process: gradschool.umd.edu/admissions (https://gradschool.umd.edu/admissions/)

Requirements

• Energy Systems Engineering, Master of Engineering (M.Eng.) (https://academiccatalog.umd.edu/graduate/programs/energy-systems-engineering-pmsu/energy-systems-engineering-meng/)

Facilities and Special Resources

This program is currently offered in-person at the College Park Campus and at off-campus centers via video-teleconferencing. The Clark School of Engineering’s Distance Education Technology and Services (DETS) office administers a live interactive distance education system and webcast course capture for students to take courses as they are happening or at a time convenient for their schedule. Remote sites around the State of Maryland where our courses can be taken live via DETS are at the Universities at Shady Grove in Montgomery County, and the Southern Maryland Higher Education Center in St. Mary’s County. In addition to lecture dissemination, DETS provides state-of-the-art chat, bulletin board, video chat, group presentation, and discussion technologies that give our distance students the same, if not more access to faculty and their fellow students.

The Clark School’s Engineering Information Technology group also provides access to needed software and computer resources through dedicated virtual computer terminals that allow distance students full access to licensed software, libraries, databases, and specialized programs.

This program is also offered 100% online. Please see Energy Systems Engineering (MEEE) for more information.