SOFTWARE ENGINEERING (PMES)

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.

Our Software Engineering program is concerned with developing and maintaining software systems that behave reliably and efficiently, are affordable to develop and maintain, and satisfy all the requirements that customers have defined for them. Our faculty consists of world class researchers and practitioners who apply the latest Software Engineering principles at large projects at NASA, DARPA, Raytheon, and Lockheed Martin. Courses focus on three technical areas—cybersecurity, computer engineering, and systems engineering—preparing students to help solve pressing real-world problems.

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 assistance. 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.

Contact

Visit the MAGE Website for Additional Information: www.mage.umd.edu (https://mage.umd.edu/)

Maryland Applied Graduate Engineering
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University of Maryland
College Park, MD 20742
Telephone: 301.405.0362
Email: mage@umd.edu

Website: www.mage.umd.edu (https://mage.umd.edu/)

Courses: ENPM (https://academiccatalog.umd.edu/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 (2)
- 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 31, 2025	December 17, 2024
International Applicants		
F (student) or J (exchange visitor) visas,E,G,H,I and L visas and immigrants	March 11, 2025	September 24, 2024

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

- Software Engineering, Master of Engineering (M.Eng.) (https://academiccatalog.umd.edu/graduate/programs/software-engineering-pmes/software-engineering-meng/)

FACILITIES AND SPECIAL RESOURCES

This program is currently offered in-person at the College Park Campus. In addition to in-person courses, you may have the option to take some course requirements in an online format. Course format offerings are subject to change.

This program is also offered 100% online. Please see Software Engineering (MESW) for more information.