

SYSTEMS ENGINEERING (PMSE)

Graduate Degree Program
College: Engineering

Abstract

The Applied 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 Systems Engineering program prepares professional engineers to coordinate the planning, development, and creation of systems in fields like aerospace, telecommunications, neuroscience, robotics, and more. Students pursuing this option may choose to use their electives to obtain a certificate in one of the many other programs offered by Maryland Applied Graduate Engineering.

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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4356 Stadium Drive
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: ENSE (<https://academiccatalog.umd.edu/graduate/courses/ense/>)

ADMISSIONS

General Requirements

- Statement of Purpose (<http://advancedengineering.umd.edu/apply/>)
- 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	Summer Deadline
Domestic Applicants			
US Citizens and Permanent Residents	July 31, 2026	December 16, 2025	May 15, 2026
International Applicants			
F (student) or J (exchange visitor) visas, E, G, H, I and L visas and immigrants	March 10, 2026	September 24, 2025	N/A

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

- Systems Engineering, Master of Engineering (M.Eng.) (<https://academiccatalog.umd.edu/graduate/programs/systems-engineering-pmse/systems-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 Systems Engineering (MESE) for more information.