

ELECTRICAL AND COMPUTER ENGINEERING (PMEE)

Graduate Degree Program
College: Engineering

Abstract

Offered in conjunction with the Department of Electrical and Computer Engineering, our Master of Engineering program in Electrical and Computer Engineering boasts a unique connection with prestigious institutes, advanced laboratories, and leading faculty. Our close affiliation with a number of research institutes at the University of Maryland provides our students access to state-of-the-art libraries and research.

Students benefit from a team-oriented, multidisciplinary program that helps strengthen professional networks and provides the knowledge and experience needed to advance in the field of Electrical and Computer Engineering. In addition to the core courses, which cover foundations of electrical and computer engineering, the program offers a wide variety of elective courses on new and emerging areas of electrical and computer engineering. Such elective courses are designed to follow the industry trends and enable the students acquire skill sets that help them secure internships and full time positions at industry leader companies. Examples of such courses are data science, embedded systems, Internet of Things (IoT), etc. Offering such courses has helped the track record of our graduates to find employment with Fortune 500 companies as well as innovative technology startups.

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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Email: mage@umd.edu

Website: <https://mage.umd.edu/>

Courses: 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 (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

- Electrical and Computer Engineering, Master of Engineering (M.Eng.) (<https://academiccatalog.umd.edu/graduate/programs/electrical-computer-engineering-pmee/electrical-computer-engineering-meng/>)

FACILITIES AND SPECIAL RESOURCES

This program is currently offered in-person at the College Park Campus.

The Clark School's Engineering Information Technology group 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.