

MATERIALS SCIENCE AND ENGINEERING (Z060)

Graduate Certificate Program
College: Engineering

Abstract

The Graduate Certificate in 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 Materials Science and Engineering degree programs empower students to solve important scientific and technical problems through advancements in the underlying materials systems. Multidisciplinary courses and access to advanced laboratories also position graduates to become leaders in the field.

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

2105 J.M. Patterson Building
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: ENMA (<https://umd-curr.courseleaf.com/graduate/courses/enma/>)

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

- Graduate Record Examination (GRE) (optional)
- CV/Resume (optional)
- Letter of Recommendation (optional)

***Visa Eligibility:** This program is not eligible for I-20 or DS-2019 issuance by the University of Maryland.

APPLICATION DEADLINES

Type of Applicant	Fall Deadline	Spring Deadline	Summer Deadline
Domestic Applicants			
US Citizens and Permanent Residents	July 31, 2027	December 15, 2026	May 15, 2027
International Applicants			
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	N/A	N/A	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

- Materials Science and Engineering, Post-Baccalaureate Certificate (P.B.C.) (<https://academiccatalog.umd.edu/graduate/programs/materials-science-engineering-z060/materials-science-engineering-pbc/>)

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.