

# CHEMICAL AND BIOMOLECULAR ENGINEERING (PMCH)

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.

From biological engineering to nanotechnology, our Chemical and Biomolecular degree programs provide students with a fundamental understanding of physical, chemical, and biological processes. Courses also empower students to apply this knowledge to products and the processes by which they are made.

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 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](http://www.mage.umd.edu) (<https://mage.umd.edu/>)

### Maryland Applied Graduate Engineering

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**Email:** [mage@umd.edu](mailto:mage@umd.edu)

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

**Courses:** ENCH (<https://academiccatalog.umd.edu/graduate/courses/ench/>)

## 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    | Summer Deadline |
|----------------------------------------------------------------------------------|---------------|--------------------|-----------------|
| <b>Domestic Applicants</b>                                                       |               |                    |                 |
| US Citizens and Permanent Residents                                              | July 31, 2027 | December 15, 2026  | May 15, 2027    |
| <b>International Applicants</b>                                                  |               |                    |                 |
| F (student) or J (exchange visitor) visas, E, G, H, I and L visas and immigrants | March 8, 2027 | September 24, 2026 | N/A             |

### RESOURCES AND LINKS:

**Other Deadlines:** [mage.umd.edu/admissions](https://mage.umd.edu/admissions/) (<https://mage.umd.edu/admissions/>)

**Program Website:** [mage.umd.edu](https://mage.umd.edu/) (<https://mage.umd.edu/>)

**Application Process:** [gradschool.umd.edu/admissions](https://gradschool.umd.edu/admissions/) (<https://gradschool.umd.edu/admissions/>)

### REQUIREMENTS

- Chemical and Biomolecular Engineering, Master of Engineering (M.Eng.) (<https://academiccatalog.umd.edu/graduate/programs/chemical-biomolecular-engineering-pmch/chemical-biomolecular-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.