# AEROSPACE ENGINEERING (PMAE)

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 Aerospace program prepares graduates to design, develop, and test aircraft, spacecraft, and missiles and supervise their manufacture. Students earning a Masters of Engineering degree will also gain the expertise needed to develop new technologies in areas such as structures, propulsion systems, vehicle movement and control, communications, and overall vehicle design for use in aviation, defense systems, and space exploration.

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 remission. 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. For more information on this process, visit: https://fafsa.ed.gov/deadlines.htm.

## Contact

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

Courses: ENAE (https://academiccatalog.umd.edu/graduate/courses/enae/)

## ADEMISSIONS

### 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 (3)  
- Graduate Record Examination (GRE) (optional)  
- CV/Resume (optional)

## APPLICATION DEADLINES

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<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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<td>Domestic Applicants</td>
<td>August 1, 2023</td>
<td>December 15, 2022</td>
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<td>International Applicants</td>
<td>March 8, 2023</td>
<td>September 27, 2022</td>
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## 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

- Aerospace Engineering, Master of Engineering (M.Eng.) (https://academiccatalog.umd.edu/graduate/programs/aerospace-engineering-pmae/aerospace-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 also 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.