

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

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

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 (3)

For additional program-specific admission requirements, please visit: <https://mage.umd.edu/aerospace> (<https://mage.umd.edu/aerospace/>)

Applicants with an undergraduate GPA of less than 3.0 may be admitted on a provisional basis if they have demonstrated satisfactory performance in another graduate program and/or their work has been salutary.

Applicants with foreign credentials must submit academic records in the original language with literal English translations. Allow at least three months for evaluation of foreign credentials. International applicants are advised to review the Graduate School English requirements to learn whether or not the submission of TOEFL or IELTS scores is required. For more information visit: <https://mage.umd.edu/application-process> (<https://mage.umd.edu/application-process/>).

For more admissions information or to apply to the program, please visit our Graduate School website (<https://gradschool.umd.edu/admissions/application-process/step-step-guide-applying/>).

Application Deadlines

Type of Applicant	Fall Deadline	Spring Deadline
Domestic Applicants		
US Citizens and Permanent Residents	31 July	15 Dec
International Applicants		
F (student) or J (exchange visitor) visas, E, G, H, I and L visas and immigrants	8 Mar	24 Sep

Other Deadlines: Please visit the program website: <https://mage.umd.edu/admissions> (<https://mage.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.