AEROSPACE ENGINEERING (ONLINE) (Z179)

Graduate Certificate Program
College: Engineering

Abstract

The Master of Engineering program is designed to broaden your knowledge in industry and prepare you to work both in the public and private sectors. This program is a great option for working engineers and technical professionals looking to advance their career or to transition into the aerospace engineering field.

The M.Eng. in Aerospace Engineering program prepares graduates to design, develop, and test aircraft, spacecraft, and missiles, and supervise their manufacture. Students earning a Master 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.

The Graduate Certificate in Engineering in Aerospace Engineering offers students the opportunity to specialize in Rotorcraft, Space, or General Aerospace Engineering to tailor their certificate to a specific career path.

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/)

MAGE Admissions Team
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/undergraduate/approved-courses/enae/)

ADMISSIONS

GENERAL REQUIREMENTS

- Statement of Purpose (https://advancedengineering.umd.edu/apply/)
- 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)

***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 16, 2026	May 15, 2027
International Applicants			
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	July 31, 2027	December 16, 2026	May 15, 2027

RESOURCES AND LINKS:

Other Deadlines: mage.umd.edu/admissions (https://mage.umd.edu/admissions/)
Program Website: mage.umd.edu/programs/aerospace (https://mage.umd.edu/programs/aerospace/)
Application Process: gradschool.umd.edu/admissions (https://gradschool.umd.edu/admissions/)

REQUIREMENTS

- Aerospace Engineering (online), Post-Baccalaureate Certificate (P.B.C.) (https://academiccatalog.umd.edu/graduate/programs/aerospace-engineering-online-z179/aerospace-engineering-online-pbc/)

FACILITIES AND SPECIAL RESOURCES

This program is currently offered 100% online. The Clark School of Engineering's Distance Education Technology and Services (DETS) office administers a live interactive distance education system and webcast course capture for students to take courses as they are happening, in some instances, or at a time convenient for their schedule each week. In addition to lecture dissemination, DETS provides state-of-the-art chat, bulletin board, video chat, group presentation, and discussion technologies that give our distance students the same, if not more access to faculty and their fellow students.