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
Anna Damm
Coordinator for Admission and Recruitment
Office of Advanced Engineering Education
2105 J.M. Patterson Building
4356 Stadium Drive
University of Maryland
College Park, MD 20742
Telephone: 301.405.7200
Email: adamm1@umd.edu
Website: http://www.advancedengineering.umd.edu

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)

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.

Full admission as a degree seeking student requires the following prerequisites:
- A bachelor’s degree, GPA of 3.0 or better, in aerospace engineering or a related engineering field from an accredited institution.
- Completion of calculus I, II, and III, differential equations, and thermodynamics. Additional prerequisites are listed on the Department of Aerospace Engineering website (http://www.aero.umd.edu/grad/prereq).
- Completed applications are reviewed on a case-by-case basis. Please visit the department website (https://advancedengineering.umd.edu/application-process) for more information.

For more admissions information or to apply to the program, please visit our Graduate School website: www.gradschool.umd.edu/admissions

Application Deadlines

<table>
<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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<tr>
<td>Domestic Applicants</td>
<td>26 July</td>
<td>14 Dec</td>
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<tr>
<td>International Applicants</td>
<td>15 Mar</td>
<td>28 Sep</td>
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Other Deadlines: Please visit the program website at http://advancedengineering.umd.edu

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

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First/Middle Name</th>
<th>Graduate Faculty Status</th>
<th>Academic Credentials</th>
<th>Positions</th>
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</thead>
<tbody>
<tr>
<td>Hubbard</td>
<td>James</td>
<td>Full Member</td>
<td>B.S., Aerospace Institute of Tech., 1977; M.S., Aerospace Institute of Tech., 1979; Ph.D., Massachusetts Institute of Tech., 1982.</td>
<td>Professor, Aerospace Engineering Professor, Aerospace Engineering</td>
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