ADDITIVE MANUFACTURING (PMAM)

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 graduate programs in Additive Manufacturing give students unique access to hands-on training in various methods of design, production systems, and fabrication from world-class experts. Students will also benefit from university resources like the Makerbot Innovation Center, a 3D printing space available to all UMD students.

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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College Park, MD 20742
Telephone: 301.405.7200
Email: adamm1@umd.edu

Website: http://www.advancedengineering.umd.edu

Courses: ENPM (https://academiccatalog.umd.edu/graduate/courses/enpm) ENME (https://academiccatalog.umd.edu/graduate/courses/enme)

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://advancedengineering.umd.edu/additive-manufacturing

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://advancedengineering.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

<table>
<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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<tbody>
<tr>
<td>Domestic Applicants</td>
<td></td>
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<tr>
<td>US Citizens and Permanent Residents</td>
<td>Fall 2019: 26 July</td>
<td>13 Dec</td>
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<tr>
<td>International Applicants</td>
<td>Fall 2020: 31 July</td>
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<tr>
<td>F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants</td>
<td>12 Mar</td>
<td>27 Sep</td>
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Other Deadlines: Please visit the program website at http://www.advancedengineering.umd.edu

Requirements
• Additive Manufacturing, Master of Engineering (M.Eng.) (https://academiccatalog.umd.edu/graduate/programs/additive-manufacturing-pmam/additive-manufacturing-meng)

Facilities and Special Resources
This program is currently offered in-person at the College Park Campus and at off-campus centers via video-teleconferencing. 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 or at a time convenient for their schedule. Remote sites around the State of Maryland where our courses can be taken live via DETS are at the Universities at Shady Grove in Montgomery County, and the Southern Maryland Higher Education Center in St. Mary's County. 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. 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.