SOFTWARE ENGINEERING (ONLINE) (Z144)

Graduate Program
A. James Clark School of Engineering

ABSTRACT
The Graduate Certificate in 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 programs in Software Engineering program is concerned with developing and maintaining software systems that behave reliably and efficiently, are affordable to develop and maintain, and satisfy all the requirements that customers have defined for them. Our faculty consists of world class researchers and practitioners who apply the latest Software Engineering principles at large projects at NASA, DARPA, Raytheon, and Lockheed Martin. Courses focus on three technical areas—cybersecurity, computer engineering, and systems engineering—preparing students to help solve pressing real-world problems.

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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Maryland Applied Graduate Engineering
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University of Maryland
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Website: www.mage.umd.edu

Courses: ENSE (https://academiccatalog.umd.edu/graduate/courses/ense/)

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

- Letters of Recommendation (optional): Two (2) Letters of Recommendation are required for anyone with an undergraduate GPA below 3.0. Anyone with a GPA 3.0 or above should contact the MAGE with a request to waive this requirement.
- 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

<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>
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<tr>
<td>US Citizens and Permanent Residents</td>
<td>August 1, 2023</td>
<td>December 15, 2022</td>
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<tr>
<td>International Applicants</td>
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<td>F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants</td>
<td>August 1, 2023</td>
<td>December 15, 2022</td>
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</tbody>
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RESOURCES AND LINKS:
Program Website: mage.umd.edu
Application Process: gradschool.umd.edu/admissions

Requirements

- Software Engineering. Post-Baccalaureate Certificate (P.B.C.) (https://academiccatalog.umd.edu/graduate/programs/software-engineering-online-z144/software-engineering-pbc/)