

# 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

**Sam Chaplin**  
**Coordinator for Admission and Recruitment**  
**Maryland Applied Graduate Engineering**  
2105 J.M. Patterson Building  
4356 Stadium Drive  
University of Maryland  
College Park, MD 20742  
**Telephone:** 301.405.7200  
**Email:** [schaplin@umd.edu](mailto:schaplin@umd.edu)

**Website:** [www.mage.umd.edu](http://www.mage.umd.edu) (<https://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

Type of Applicant	Fall Deadline	Spring Deadline
<b>Domestic Applicants</b>		
US Citizens and Permanent Residents	August 1, 2023	December 15, 2022
<b>International Applicants</b>		
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	August 1, 2023	December 15, 2022

### RESOURCES AND LINKS:

**Program Website:** [mage.umd.edu](http://mage.umd.edu) (<https://mage.umd.edu/>)

**Application Process:** [gradschool.umd.edu/admissions](https://gradschool.umd.edu/admissions/) (<https://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/>)