

# ENGINEERING ARTIFICIAL INTELLIGENCE (ONLINE) (Z176)

Graduate Certificate Program  
College: Engineering

## Abstract

The GCEN in Engineering Artificial Intelligence (Engineering AI) Program provides students the opportunity to learn the fundamentals of relevant sub-fields in engineering, as well as statistical inference and machine learning. Graduates from the program will be prepared for professional careers in areas like embedded system design and implementation, industrial and automotive systems engineering, software and data engineering, communications system design, medical signal processing, and beyond.

## 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](http://www.mage.umd.edu) (<https://mage.umd.edu/>)

### 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](mailto:mage@umd.edu)

**Website:** <https://mage.umd.edu/>

**Courses:**

## 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)
- Letter of Recommendation (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	July 31, 2025	December 17, 2024
<b>International Applicants</b>		
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	July 31, 2025	December 17, 2024

## RESOURCES AND LINKS:

**Other Deadlines:** [mage.umd.edu/admissions](https://mage.umd.edu/admissions/) (<https://mage.umd.edu/admissions/>)

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

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

## REQUIREMENTS

- Engineering Artificial Intelligence (online), Post-Baccalaureate Certificate (P.B.C.) (<https://academiccatalog.umd.edu/graduate/programs/engineering-artificial-intelligence-online-z176/engineering-artificial-intelligence-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.