

# FIRE PROTECTION ENGINEERING (ONLINE) (ENGF)

Graduate Degree Program  
College: Engineering

## Abstract

Fire protection engineers are among the most sought-after professionals in the industry. Performance building codes and the international trend towards performance-based fire safety analysis and design approaches in construction have increased demand for fire protection engineers. The University of Maryland's fire protection engineering degree programs represent the Department of Fire Protection Engineering's commitment to preparing engineers for the challenges of this rapidly growing field.

Courses are taught by the university's foremost experts in fire protection engineering as well as international experts from business and industry. Established in 1956, the Fire Protection Engineering Department is one of only a few graduate fire protection engineering degree programs in the US. Our programs in Fire Protection Engineering are geared toward working engineering professionals and are offered both on campus and online.

Students work with an advisor to identify a course of study based on the student's professional interests. Fire protection engineering courses are available to explore basic processes of fire behavior, prediction of fire development, the combustion of materials and furnishings, the effects of fire on structures and the environment, smoke management, evacuation and tenability analysis and the law. Courses may also be approved from other engineering departments or technical areas, e.g. mathematics.

## 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

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## 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 (2)
- 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. For anyone needing these documents, consider applying for a full-time master's program offered on campus (<https://gradschool.umd.edu/engineering/meng-campus/>).

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 salutory.

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.

## 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

- Fire Protection Engineering (online), Master of Engineering (M.Eng.) (<https://academiccatalog.umd.edu/graduate/programs/fire-protection-engineering-online-engf/fire-protection-engineering-online-meng/>)

## **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.