

FIRE PROTECTION ENGINEERING (Z059)

Graduate Certificate Program
College: 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.

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. 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.

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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Courses: ENFP

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

- 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 Office of Advanced Engineering Education 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
Domestic Applicants		
US Citizens and Permanent Residents	July 31, 2022	December 15, 2021
International Applicants		
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	This certificate is not currently accepting applications	This certificate is not currently accepting applications

RESOURCES AND LINKS:

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, Post-Baccalaureate Certificate (P.B.C.) (<https://academiccatalog.umd.edu/graduate/programs/fire-protection-engineering-z059/fire-protection-engineering-pbc/>)

Facilities and Special Resources

This program is currently offered in-person at the College Park Campus. In addition to in-person courses, you may have the option to take some course requirements in an online format. Course format offerings are subject to change.

This program is also offered 100% online. Please see Fire Protection Engineering (Z049) for more information.