FIRE PROTECTION ENGINEERING (PMFP)

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 taking courses on campus for the Master of Engineering degree 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.

In addition to the general rules of the Graduate School, certain special degree requirements are set out in departmental requirements. The degree requirement is to complete ten approved courses, including a minimum of six fire protection engineering courses.

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
Visit the MAGE Website for Additional Information: www.mage.umd.edu
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Website: https://mage.umd.edu/
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
• Letters of Recommendation (3)
• Graduate Record Examination (GRE) (optional)
• CV/Resume (optional)

APPLICATION DEADLINES
Type of Applicant          Fall Deadline          Spring Deadline
Domestic Applicants
US Citizens and Permanent Residents
July 31, 2024                  December 15, 2023
International Applicants
F (student) or J (exchange visitor) visas,E,G,H,I and L visas and immigrants
March 8, 2024                  September 26, 2023

RESOURCES AND LINKS:
Other Deadlines: mage.umd.edu/admissions (https://mage.umd.edu/admissions/)
Program Website: mage.umd.edu (https://mage.umd.edu/)
Application Process: gradschool.umd.edu/admissions (https://gradschool.umd.edu/admissions/)

REQUIREMENTS
• Fire Protection Engineering, Master of Engineering (M.Eng.) (https://academiccatalog.umd.edu/graduate/programs/fire-protection-engineering-pmfp/fire-protection-engineering-meng/)

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 (ENGF) for more information.