

Fire Protection On Campus

Master of Engineering: 30 Credits / 10 Courses

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. The degree requirement is to complete ten approved courses, including a minimum of six fire protection engineering ENFP courses. No thesis is required for the degree.

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.

| Fire Protection Core Courses (choose six): | |
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| | ENFP415 Fire Dynamics or ENFP 651 Advanced Fire Dynamics |
| | ENFP425 Enclosure Fire Modeling |
| | ENFP426 Computational Methods in Fire Protection or ENFP626 Computational Fire Modeling |
| | ENFP611 Fire Induced Flows |
| | ENFP613 Human Response to Fire |
| | ENFP620 Fire Dynamics Laboratory |
| | ENFP621 Analytical Procedures of Structural Fire Protection |
| | ENFP627 Smoke Detection and Management |

| Fire Protection Technical Electives (choose four): | |
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*NOTE: Any courses not listed above must be approved by the Senior Academic Advisor **PRIOR** to registration.*

Important Note: Students who completed their undergraduate degree in Fire Protection Engineering at the University of Maryland should work closely with the Senior Academic Advisor prior to registration as additional course restrictions may apply based on completed undergraduate curriculum.

| KEY | |
|-----------------------|------------------------|
| Online Option * | (offering information) |
| [Prerequisite course] | |

