

# 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):	
	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 Advanced Life Safety Analysis
	ENFP620 Fire Dynamics Laboratory
	ENFP621 Analytical Procedures of Structural Fire Protection
	ENFP627 Smoke Detection and Management

Fire Protection Technical Electives (choose four):	
	ENFP6XX level courses
	ENPM808Q Forensic Engineering

*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]	