

# FIRE PROTECTION ENGINEERING, MASTER OF ENGINEERING (M.ENG.)

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**Non-thesis only:** 30 credits required

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. Students are required to complete 10 approved courses, including a minimum of six fire protection engineering core courses.

All Professional Master of Engineering Programs consist of 10 courses/30 credits. All students are expected to complete a preliminary course plan for their intended degree program. Degree planning worksheets can be found here: <https://mage.umd.edu/degree-planning-sheets> (<https://mage.umd.edu/degree-planning-sheets/>)

Course	Title	Credits
Complete at least six of the following core courses:		18
ENFP601	Introduction to Fire Protection Engineering	
ENFP425	Enclosure Fire Modeling	
ENFP426	Computational Methods in Fire Protection	
ENFP613	Advanced Life Safety Analysis	
ENFP620	Fire Dynamics Laboratory	
ENFP621	Analytical Procedures of Structural Fire Protection	
ENFP627	Smoke Detection and Management	
ENFP671	Material Flammability	
ENFP415	Fire Dynamics	
	or ENFP651 Advanced Fire Dynamics	
ENFP410	Special Hazard Suppression Systems	
	or ENFP610 Advanced Special Hazard Suppression Systems	
Pre-approved electives (choose four): Discuss with Advisor		12
<b>Total Credits</b>		<b>30</b>