

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

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://advancedengineering.umd.edu/degree-planning-sheets> (<https://advancedengineering.umd.edu/degree-planning-sheets/>)

Course	Title	Credits
Complete at least six of the following core courses:		18
ENFP415	Fire Dynamics	
ENFP425	Enclosure Fire Modeling	
ENFP611	Fire Induced Flows	
ENFP613	Advanced Life Safety Analysis	
ENFP620	Fire Dynamics Laboratory	
ENFP621	Analytical Procedures of Structural Fire Protection	
ENFP625	Advanced Fire Modeling	
ENFP627	Smoke Detection and Management	
Pre-approved elective options:		12
ENFP630	Diffusion Flames and Burning Rate Theory	
Total Credits		30