

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

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

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/>)

Students must complete Group A courses before completing Group B courses.

Course	Title	Credits
Group A: <sup>1</sup>		
ENFP625	Advanced Fire Modeling	3
ENFP655	Smoke Control	3
ENFP651	Advanced Fire Dynamics	3
ENFP652	Fire Assessment Methods	3
ENFP653	Advanced Fire Suppression	3
Group B courses (complete five):		15
ENFP613	Advanced Life Safety Analysis	
ENFP621	Analytical Procedures of Structural Fire Protection	
ENFP661	Forensic Fire Analysis	
ENFP662	Performance Based Design	
ENFP663	Advanced Fire Risk Modeling	
ENFP664	Advanced Industrial Fire Safety	
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Must be completed before completing Group B courses