Fire Protection
Online

Master of Engineering: 30 Credits / 10 Courses

The 30-credit curriculum includes 10 three-credit courses that can be completed entirely online. 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.

Fire Protection Core Courses (complete ten):
Courses are offered during four academic quarters: fall, winter, spring, and summer. Online Class Schedule: https://advancedengineering.umd.edu/fire-protection-online-class-schedule

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

Group A

	ENFP625 Advanced Fire Modeling*	(ENFP625 = ENFP425 + ENFP426)
	ENFP655 Smoke Control*[1]	
	ENFP651 Advanced Fire Dynamics*	(ENFP651 = ENFP415)
	ENFP652 Fire Assessment Methods*	
	ENFP653 Advanced Fire Suppression*	(ENFP653 = ENFP410)

[1] Students who have taken ENFP627 Section EF01 are not required to complete ENFP655. ENFP627 Section EF01 will count as a Group A course.

Group B

	ENFP613 Advanced Life Safety Analysis*	(ENFP613 = ENFP413)
	ENFP661 Forensic Fire Analysis*	
	ENFP662 Performance Based Design*	
	ENFP663 Advanced Fire Risk Modeling*	
	ENFP664 Industrial Fire Safety*	(ENFP664 = ENFP464)

*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]	

DISCLAIMER: All offerings are tentative and subject to change. *Updated 10/21/2020*