

The FPE department is offering a minor for students who want to expand their engineering background by being exposed to Fire Protection Engineering at the undergraduate level. The minor in Fire Protection Engineering provides an excellent opportunity to acquire a basic knowledge in Fire Protection and articulate this knowledge within their own major in an omnipresent and growing field of engineering that offers exciting career opportunities.

Successful candidates for the FPE Minor must meet the following requirements:

1. Complete two units of work, including at least 1 unit with the prefix “FP” at the 3000-level or above. (1 Undergrad Course = 1/3 Unit)
2. The remaining courses can be chosen from the following list:
 - i. CHE 2013 – Applied Chemical Engineering Thermodynamics
 - ii. ES 3001 – Introduction to Thermodynamics
 - iii. ES 3003 – Heat Transfer
 - iv. ES 3004 – Fluid Mechanics
 - v. CE 3006 – Design of Steel Structures
 - vi. CE 3008 – Design of Reinforced Concrete Structures
 - vii. CE 3031 – Building Information Modeling: Software Tools and Principles
 - viii. CE 3010 – Structural Engineering
 - ix. AE 3602 – Incompressible Fluids
 - x. ME 442X – Radiation Heat Transfer Application and Design
 - xi. CHE 4410 – Chemical Process Safety Design

Students seeking an FPE minor should complete this form and submit it to the FPE office as early in the program of study as possible. The department head of FPE will be responsible for review and approval of all FPE Minor requests.

WPI policy requires that no more than one unit of course work can be double counted towards other degree requirement.

*Application for
Fire Protection Engineering Minor*

Last name: _____ First Name: _____

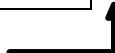
Student Number _____ Major Department: _____

Anticipated Graduation Date: _____ Email: _____@wpi.edu

Instructions:

- i. In the table below, list at least 3 FPE courses satisfying requirements (1-2).
- ii. Check the right boxes if needed, to indicate which courses are being double-counted for other degree requirements. Note that WPI policy requires that no more than one unit of course work can be double counted towards other degree requirement.
- iii. Verify that you have consulted with your academic advisor regarding the FPE minor.
- iv. Obtain approval from the Department Head of FPE by contacting the FPE office.

COURSE NUMBER	COURSE TITLE	TERM	GRADE
FP			
FP			
FP			

Check if double counted 

Have you discussed your application for the FPE Minor with your academic advisor?

Yes _____ No _____

FPE Department use only

Minor Approval: _____ Date: _____

FPE Department Head