



MASTER OF SCIENCE

FIRE SAFETY ENGINEERING

(MIXED-MODE)

OVERVIEW

This program is aimed at building up human capital and producing professionals in the field of fire prevention, investigation and protection. Graduates from this program will be equipped with expertise required by industry such as fire equipment manufacturing, fire services and risk analysis.

CURRICULUM STRUCTURE

Teaching modes include lectures (face-to-face and online), laboratory works, site visits, discussions, assignments and dissertation. English is used as the medium of instruction.

Courses	Unit
EAF522/4 – Materials Behaviour in Fire	4
EAF523/4 – Fire Protection Technology	4
EAF524/4 – Fire Disaster Management	4
EAF525/4 – Structural Design for Fire Safety	4
EAF526/4 – Fire Behaviour	4
EAF555 – Dissertation	20
TOTAL UNITS	40

APPLY NOW
FOR
OCTOBER 2020 INTAKE

DURATION OF STUDY

Mode of Study	Min. no. of semester	Max. no. of semester
Full Time	2	4
Part Time	4	8

DISSERTATION

For the dissertation, candidates are required to select a topic and perform intensive research study under the guidance of a supervisor. The supervisors can be selected from the following schools:

- * **School of Civil Engineering**
- * **School of Chemical Engineering**
- * **School of Electrical & Electronic Engineering**
- * **School of Materials & Mineral Resources Engineering**
- * **School of Mechanical Engineering**
- * **School of Aerospace Engineering**





WHY CHOOSE MSc FIRE SAFETY ENGINEERING @ USM ?

- * Southeast Asia's first MSc Fire Safety Engineering program
- * Smart collaboration: Fire and Rescue Department of Malaysia as a partner in curriculum development.
- * Quality professional program with affordable tuition fee
- * Weekend classes that fits working professionals
- * Blended learning: face-to-face and online teaching

ADMISSION REQUIREMENT

Qualifications (any of the below):

I. Bachelor degree

- A) CGPA of at least 2.75 / 4.00; or
- B) CGPA below 2.75 with professional working experience

Admission Requirement



II. APEL A Certificate (APEL T-7)

<https://www2.mqa.gov.my/APEL/>



HOW TO APPLY

<http://www.ips.usm.my/>



FEES

MALAYSIAN

Registration Fee	: MYR 340.00*
Tuition Fee	: MYR 12,000.00 (MYR 300 / unit)
Convocation Fee	: MYR 120.00*

INTERNATIONAL

Registration Fee	: USD 227.50*
Personal Bond	: USD 475.00*
Tuition Fee	: USD 6,400.00 (USD 160 / unit)
Convocation Fee	: USD 30.00*

***ONE-OFF FEE**

CONTACT

School of Civil Engineering | Engineering Campus | Universiti Sains Malaysia
14300 Nibong Tebal | Penang | Malaysia

Tel: +604 599 6209 | Fax: +604 599 6906

Email: liliqzaharah@usm.my | Mobile : +6012-6050440 (Ms Liliq)