

# The Degree of Master of Engineering in Fire Engineering (MEFE – 225 points)

These regulations must be read in conjunction with the General Regulations for the University.

## 1. Version

- (a) These Regulations came into force on 1 January 2024.
- (b) This degree was first offered in 1994.

## 2. Variations

In exceptional circumstances the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate may approve a personal programme of study which does not conform to these Regulations.

## 3. The structure of the qualification

To qualify for the Master of Engineering in Fire Engineering a student must complete:

- (a) 105 points comprising six courses selected from Schedule C Group 1 to these Regulations; and
- (b) a 120 point thesis, as listed in Schedule C Group 2 to these Regulations.

## 4. Admission to the qualification

A student for the Degree of Master of Engineering in Fire Engineering must have:

- (a) either
  - i. qualified for the award of the Degree of Bachelor of Engineering with First or Second Class Honours from an Aotearoa New Zealand University; or
  - ii. qualified for the award of the Postgraduate Certificate in Engineering with a GPA of 5 or more; or
  - iii. qualified for the award of the Degree of Bachelor of Science with Honours in appropriate subjects from an Aotearoa New Zealand University; or
  - iv. in exceptional circumstances, qualified for the award of an appropriate degree in Aotearoa New Zealand; or
  - v. been admitted with Academic Equivalent Standing to the above; and
- (b) been approved as a student for the degree by the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate based on relevance and standard of previous study.
- (c) A student who does not have an appropriate background in fire engineering, may be required to take ENGR403 Introduction to Fire Engineering.

## 5. Subjects

There are no majors, minors or endorsements for this qualification.

## 6. Time limits

A student must enrol for full-time study and complete the degree within 40 months, unless an extension has been approved by the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate.

## 7. Transfers of credit, substitutions and cross-credits

This qualification adheres to the Credit Recognition and Transfer Regulations with the following stipulation:

- (a) Certain courses from Te Whare Wānanga o Tāmaki Makaurau | University of Auckland may be offered in lieu of required courses with the permission of the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate.

## 8. Progression

This qualification adheres to the General Regulations for the University, which permits two course failures to qualify for the degree, with no additional stipulations.

## 9. Honours, Distinction and Merit

This qualification adheres to the General Regulations for the University and may be awarded with Distinction and Merit.

### 10. Exit and Upgrade Pathways to other Qualifications

- (a) A student demonstrating high research potential may, with the support of the Director of the Fire Engineering programme, apply to transfer to a PhD degree, with any thesis enrolment backdating approved by the Amo Rangahau | Dean of Postgraduate Research. If approved, the Master's degree must be abandoned.
- (b) A student for the Master of Engineering in Fire Engineering who has not met the requirements for the Master of Engineering in Fire Engineering but who has satisfied all requirements for the Master of Engineering Studies or the Postgraduate Certificate in Engineering may apply to the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate to withdraw from the Master of Engineering in Fire Engineering and be awarded one of the alternate qualifications.

## Schedule C: Compulsory Courses for the Degree of Master of Engineering in Fire Engineering

For full course information, go to [courseinfo.canterbury.ac.nz](http://courseinfo.canterbury.ac.nz)

### Group 1

Course Code	Course Title	Pts	2025	Location	P/C/R/PP/EQ
ENFE601	Structural Fire Engineering	15	S1	Campus	P: ENGR403 or subject to approval of the Head of Department R: ENCI661
ENFE602	Fire Dynamics	15	S1	Campus	P: ENGR403 EQ: ENCI663
			X	Campus	
ENFE603	Fire Safety Systems	15	X	Campus	P: ENGR403 or subject to approval of the Head of Department
ENFE605	Fire Safety Engineering Design	30	X	Campus	P: ENGR403 C: ENFE601, ENFE602, ENFE603, ENFE610, ENFE615, ENFE618
ENFE610	Advanced Fire Dynamics	15	X	Campus	P: ENGR403
ENFE615	Human Behaviour in Fire	15	S1	Campus	P: ENGR403 or approval of Head of Department

### Group 2

Course Code	Course Title	Pts	2025	Location	P/C/R/PP/EQ
ENFE690	MEFE Thesis	120	A	Campus	P: Subject to approval of the Head of Department.