

# The Degree of Master of Engineering/LaStudies (MEngSt)

## 2. Variations

In exceptional circumstances the Amotua, Pihanga | 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 MEngSt:

- (a) a student must complete not less than 120 points
- (b)

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

This qualification adheres to the Credit Recognition and Transfer Regulations, with no additional stipulations.

## 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) Transfer from MEngSt to ME/MEFE
  - i. Subject to the approval of the Amo Matua, P hanga | Executive Dean of Engineering or delegate, a student for the Master of Engineering Studies may transfer to a Master of Engineering or Master of Engineering in Fire Engineering provided the following conditions have been met:
    - a. the student has completed a minimum of 45 points of the course requirements for the MEngSt; and
    - b. the student has achieved an average GPA of 5.0 or more in the completed courses; and
    - c. the courses completed by the student fulfil the coursework requirements of the relevant programme of study given in Schedule C of the ME Regulations, or Schedule to the Regulations of the MEFE; and
    - d. suitable thesis supervision and research resources are available.

In such cases a student may be required to complete further course requirements depending on which programme of study they enrol in.

- (b) A student for the MEngSt who has not met the requirements for the MEngSt but who has satisfied all requirements for the Postgraduate Certificate in Engineering may apply to the Amo Matua, P hanga | Executive Dean of Engineering or delegate to withdraw from the MEngSt and be awarded one of the certificates.

## Schedule S: Subject Courses for the Degree of Master of Engineering Studies (Endorsed)

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

### Fire Engineering

Not open to new enrolments.

### Required courses

- (a) ENFE601 Structural Fire Engineering
- (b) ENFE602 Fire Dynamics
- (c) ENFE603 Fire Safety Systems
- (d) ENFE604 Fire Design Case Study
- (e) ENFE610 Advanced Fire Dynamics

### Mechanical Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/PP/EQ
ENME602	Advanced Vibrations and Acoustics	15	NO		P: Subject to approval of the Head of Department. R: ENME402 RP: Bachelors degree in Engineering or equivalent
ENME603	Advanced Linear Systems Control and System Identification	15	S1	Campus	P: Subject to approval of the Head of Department. R: ENME403 RP: Bachelors degree in Engineering or equivalent

ENME604	Advanced Aerodynamics and Ground Vehicle Dynamics	15	S2	Campus	P: Subject to approval of the Head of Department. R: ENME404 RP: Bachelors degree in Engineering or equivalent
ENME605	Advanced Energy Systems Engineering	15	NO		P: Subject to approval of the Head of Department. R: ENME405, ENGR404 RP: Bachelors degree in Engineering or equivalent
ENME606	Advanced Engineering Product Design and Analysis	15	NO		P: Subject to approval of the Head of Department. R: ENME406 RP: Bachelors degree in Engineering or equivalent
ENME607	Advanced Materials Science and Engineering	15	S2	Campus	P: Subject to approval of the Head of Department. R: ENME407 RP: Bachelors degree in Engineering or equivalent
ENME611	Advanced Mechanical System Design	15	NO		P: Subject to approval of the Head of Department. R: ENME411 RP: Bachelors degree in Engineering or equivalent
ENME617	Advanced Composite, Polymeric and Ceramic Materials	15	NO		P: Subject to approval of the Head of Department. R: ENME417 RP: Bachelors degree in Engineering or equivalent
ENME618	Advanced Engineering				

ENME605	Advanced Energy Systems Engineering	15	NO		P: Subject to approval of the Head of Department. R: ENME405, ENGR404 RP: Bachelors degree in Engineering or equivalent
ENTR614	Planning and Design of Sustainable Transport	15	X	Campus	P: Subject to approval of the Programme Director