The Degree of Master of Engineering (ME – 120 points)

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

1. Version

These Regulations came into force on 1 January 2024.

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 degree a student must complete a programme of study that consists of courses totalling not less than 120 points including:

(a) a thesis of 120 points as listed in Schedule C; and
(b) up to 45 points of coursework, consisting of:
    i. any required courses listed in Schedule C; and
    ii. any courses at 400-level or 600-level that will best support their research if they are deemed necessary to support their research plan and approved by the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate.

4. Admission to the qualification

A student for the Master of Engineering must have:

(a) either:
    i. qualified for the award of the Degree of Bachelor of Engineering with First or Second Class Honours; or
    ii. qualified for the award of the Master of Engineering Studies or Postgraduate Certificate in Engineering with a GPA of 5.0 or more; or
    iii. qualified for the award of the Degree of Bachelor of Science with First or Second Class Honours in appropriate subjects; or
    iv. in exceptional circumstances, qualified for the award of another appropriate degree in Aotearoa New Zealand; or
    v. been admitted with Academic Equivalent Standing; 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.

5. Subjects

The degree may be awarded with an endorsement in the following subjects:

(a) Bioengineering
(b) Chemical and Process Engineering
(c) Civil Engineering
(d) Construction Management
(e) Earthquake Engineering
(f) Electrical and Electronic Engineering
(g) Mechanical Engineering
(h) Software Engineering
(i) Transportation Engineering.

6. Time limits

(a) A student must study full-time unless approval for part-time study is granted by the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate.
(b) The time limit for this qualification is 36 months.

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 30 points of 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.

(a) A student is eligible for the award of Master of Engineering with Distinction if:
   i. a GPA of 7.0 or more is attained in their programme of study; and
   ii. the degree is completed within:
      a. 24 months for full-time study; or
      b. 36 months for part-time study.

10. Exit and Upgrade Pathways to other Qualifications

(a) A Master of Engineering student demonstrating high research potential may, with the support of the relevant Tumuaki Tari | Head of Department, apply to transfer to a PhD degree, with thesis enrolment backdating as approved by the Amo Rangahau | Dean of Postgraduate Research. If approved, the Master of Engineering degree must be abandoned.

(b) A student for the Master of Engineering who has not met the requirements for the Master of Engineering or who wishes to transfer to the Master of Engineering Studies or the Postgraduate Certificate in Engineering may apply to the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate for transfer.

Schedule C: Compulsory Courses for the Degree of Master of Engineering (Endorsed)

For full course information, go to courseinfo.canterbury.ac.nz

Bioengineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENBI601	Medical Bioengineering	15	NO		
ENBI605	Biomedical Engineering Simulations	15	NO		P: Subject to approval of the Head of Department. R: ENME409, ENME609

Construction Management

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENCM690	Construction Management Thesis	120	A	Campus	P: Subject to approval of Programme Director.

And at least 30 points from any 600-level ENCM Construction Management Courses, ENTR604, or ENCI601.

Pūhanga Matū, Tukanga | Chemical and Process Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENCH690	Chemical and Process Engineering M.E. Thesis	120	A	Campus	P: Subject to approval of the Head of Department.

Pūhanga Metarahi | Civil Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENCI690	Civil ME Thesis	120	A	Campus	P: Subject to approval of the Head of Department.

And at least 30 points from any 600-level Civil Engineering (ENCI) courses, Construction Management (ENCM) courses, Earthquake Engineering (ENEQ) courses, Fire Engineering (ENFE) courses and Transportation Engineering (ENTR) courses, or ENGR403 or ENGR621.

Earthquake Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENEQ690	Earthquake Engineering ME Thesis	120	A	Campus	P: Subject to approval of the Head of Department or Programme Director

And at least 45 points from any 600-level ENEQ Earthquake Engineering courses, ENCI621, or ENCI601.

Note: A student with an insufficient academic background in Earthquake Engineering may be required to take a bridging course or courses prior to being approved into the programme.

Pūhanga Hiko | Electrical and Electronic Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENEL690	Electrical ME Thesis	120	A	Campus	P: Subject to approval of the Head of Department.

Mechanical Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENME690	ME Thesis	120	A	Campus	P: Subject to approval of the Head of Department.

Software Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
SENG690	Software ME Thesis	120	A	Campus	P: Subject to approval of the Head of Department

Transportation Engineering

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENTR690	Transportation ME thesis	120	NO		P: Subject to approval of the Programme Director