

# The Degree of Professional Master of Engineering Geology (PMEG – 180 points)

Not open to new enrolments in 2024.

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 2018.
- (b) This degree was first offered in 2015.

## 2. Variations

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

## 3. The structure of the qualification

A student must complete the following:

- (a) All courses in Schedule C to these Regulations; or
- (b) other 400-level courses approved by the Kaihautū Hōtaka | Programme Director

## 4. Admission to the qualification

A student for the Professional Master of Engineering Geology (PMEG), before enrolling in the degree, must have

- (a) either
  - i. qualified for the award of the Degree of Bachelor of Science majoring in Geology or Earth Sciences with a B Grade Point Average in 300-level courses, comprising at least 90 points in Geology courses, including field courses (GEOL351 or GEOL352 for Te Whare Wānanga o Waitaha | University of Canterbury students);
  - ii. qualified for the award of the Degree of Bachelor of Engineering, majoring in Civil, Environmental, or Natural Resources Engineering; or
  - iii. been admitted with Academic Equivalent Standing; or
  - iv. completed a relevant prior learning/work experience as assessed by the Kaihautū Hōtaka | Programme Director; and
- (b) been approved as a student by the Amo Matua, Pūtaiao | Executive Dean of Science or delegate based on relevance and standard of prior studies; and
- (c) 15 points of MATH 100-level courses and 15 points from STAT 100-level courses.

A student seeking admission may be required to pass a qualifying programme or courses prior to commencing this degree.

## 5. Subjects

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

## 6. Time limits

- (a) This qualification adheres to the General Regulations for the University with a time limit of 36 months. In exceptional circumstances, the Amo Matua, Pūtaiao | Executive Dean of Science or delegate may grant an extension.
- (b) The time limit for completion of the dissertation is 8 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, with the following stipulations:

- (a) This qualification does not allow for any course failures.

### 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 who has completed the course work for the PMEG (Regulations 3(a) and 3(b)), may apply to the Amo Matua, Pūtaiao | Executive Dean of Science or delegate to be admitted to the Master of Science (MSc Part II) in Engineering Geology and have credits transferred.
- (b) There is no exit qualification for this degree.

## Schedule C: Compulsory Courses for the Degree of Professional Master of Engineering Geology

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

Course Code	Course Title	Pts	2024	Location	P/C/R/RP/EQ
DRRE402	Natural Hazard Risk Assessment	15	S1	Campus	P: Subject to approval of the Programme Director. R: HAZM410, ENCI601 RP: 100-level statistics
ENGE411	Engineering Construction Practice	15	NO		P: (1) ENGE 410 and (2) approval from the Head of Department of Geological Sciences R: ENGE 472
ENGE412	Rock Mechanics and Rock Engineering	15	NO		P: (1) ENCN 353 or (2) MATH101 or MATH102 or MATH103 and (3) approval from the Head of Department of Geological Sciences R: ENGE 485
ENGE413	Soil Mechanics and Soil Engineering	15	S2	Campus	P: (1) MATH101 or MATH102 or MATH103 and (2) approval from the Head of Department of Geological Sciences R: ENCN 253; ENGE 485
ENGE414	Applied Hydrogeology	15	S1	Campus	P: (1) MATH101 or MATH102 or MATH103 and (2) approval from the Head of Department of Geological Sciences R: ENGE 478
ENGE416	Engineering Geology Synthesis and Project Preparation	15	NO		P: (1) ENGE 410 and (2) approval from the Head of Department of Geological Sciences R: ENGE495
ENGE417	Foundations of Engineering Geology	30	NO		P: Approval by Head of Department. R: ENGE410, ENGE415, ENGE471, ENGE486 RP: BSc Geology or equivalent
ENGE691	Engineering Geology Project Portfolio	60	NO		P: 120 Points at 400-level including ENGE 410, 411, 412, 413, 414, 415, 416 and DRRE402. Substitutions may be made in exceptional circumstances.