

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

Not offered in 2025.

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 stipulation:

- (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 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.
- 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 courseinfo.canterbury.ac.nz

Course Code	Course Title	Pts	2025	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.