

The Degree of Professional Master of Engineering Geology (PMEG – 180 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 2018.
- (b) This degree was first offered in 2015.

2. Variations

In exceptional circumstances the Amo Pūtaiao | Academic Dean of Science 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 (GEOL 351 or GEOL 352 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 Pūtaiao | Academic Dean of Science 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 Pūtaiao | Academic Dean of Science 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 Pūtaiao | Academic Dean of Science 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

Course Code	Course Title	Pts	2021	Location	P/C/R/RP/EQ
DRRE 402	Natural Hazard Risk Assessment	15	S1	Campus	P: Subject to approval of the Programme Director. R: HAZM 410, ENCI 601 RP: 100-level statistics
			T2	Campus	
ENGE 411	Engineering Construction Practice	15	X	Campus	P: (1) ENGE 410 and (2) approval from the Head of School of Earth and Environment R: ENGE 472
ENGE 412	Rock Mechanics and Rock Engineering	15	S1	Campus	P: (1) ENCN 353 or (2) MATH 101 or MATH 102 or MATH 103 and (3) approval from the Head of School of Earth and Environment R: ENGE 485
ENGE 413	Soil Mechanics and Soil Engineering	15	S2	Campus	P: (1) MATH 101 or MATH 102 or MATH 103 and (2) approval from the Head of School of Earth and Environment R: ENCN 253; ENGE 485
ENGE 414	Applied Hydrogeology	15	X	Campus	P: (1) MATH 101 or MATH 102 or MATH 103 and (2) approval from the Head of School of Earth and Environment R: ENGE 478
			T2	Campus	
ENGE 416	Engineering Geology Synthesis and Project Preparation	15	X	Campus	P: (1) ENGE 410 and (2) approval from the Head of School of Earth and Environment R: ENGE 495
ENGE 417	Foundations of Engineering Geology	30	T1	Campus	P: Approval by Head of Department. R: ENGE 410, ENGE 415, ENGE 471, ENGE 486 RP: BSc Geology or equivalent
ENGE 691	Engineering Geology Project Portfolio	60	X	Campus	P: 120 Points at 400-level including ENGE 410, 411, 412, 413, 414, 415, 416 and DRRE 402. Substitutions may be made in exceptional circumstances.