Diploma in Global Humanitarian Engineering (DipGlobalHumanEng – 120 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 2025.
(b)   This Diploma was first offered in 2016.

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 Diploma in Global Humanitarian Engineering a student must pass courses having a minimum total value of 120 points, as follows:

(a)   all courses from Schedule C to these regulations; and
(b)   at least 15 points selected from Schedule E: Group 1; and
(c)   at least 15 points selected from Schedule E: Group 2; and
(d)   30 points selected from Schedule E: Group 3; and

4. Admission to the qualification

To be admitted to this qualification, a student must gain the approval of the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate and either:

(a)   have been approved into a BE(Hons) programme, or
(b)   have successfully completed a BE(Hons) engineering programme in relevant subjects, or
(c)   have successfully completed another approved engineering qualification such as the New Zealand Certificate of Engineering, the New Zealand Diploma of Engineering or a Bachelor of Engineering Technology, or equivalent.

5. Subjects

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

6. Time limits

The time limits for this qualification are:

(a)   6 years of study if concurrently enrolled in a BE(Hons); or
(b)   36 months of study if not concurrently enrolled in the BE(Hons).

7. Transfers of credit, substitutions and cross-credits

This qualification adheres to the Credit Recognition and Transfer Regulations, with the following stipulation:

(a)   A student may cross-credit 45 points between the Diploma and the Bachelor of Engineering (Honours).

8. Progression

This qualification adheres to the General Conditions for Credit and Transfer Regulations, with no additional stipulations.

9. Honours, Distinction and Merit

Honours, Distinction and Merit are not awarded for this qualification.

10. Exit and Upgrade Pathways to other Qualifications

There are no advancing or exit qualifications for this Diploma.

Schedule C: Compulsory Courses for Diploma in Global Humanitarian Engineering

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

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENGR101	Foundations of Engineering	15	S1	Campus	
			S2	Campus	
ENHE101	Humanitarian Engineering - An Introduction	15	S1	Campus	
			S2	Campus	
ENHE301	Humanitarian Field Engineering	15	S2	Campus	P: ENHE101 Introduction to Humanitarian Engineering; two (2) social science electives required for the Diploma in Global Humanitarian Engineering.
ENHE401	Humanitarian Engineering Community Project	15	X	Campus	P: ENHE101 Introduction to Humanitarian Engineering; two (2) social science electives required for the Diploma in Global Humanitarian Engineering; ENHE301 Humanitarian Field Engineering.

Schedule E: Elective Courses for Diploma in Global Humanitarian Engineering

Group 1

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENCH295	Chemical Engineering Professional Practice	15	W	Campus	P: Subject to the approval of the Dean of Engineering and Forestry.
ENCN213	Structural Design Studio	15	S2	Campus	P: Subject to approval of the Dean of Engineering and Forestry R: ENCI211
ENEL200	Electrical and Computer Engineering Design	15	W	Campus	P: Subject to the approval of the College of Engineering Dean (Academic) R: ENEL211
ENME221	Engineering Design and Manufacture	15	S2	Campus	P: ENME201 or 2nd Year Director of Studies Approval
ENMT221	Mechatronics Design 1	15	S2	Campus	P: ENMT211 R: ENMT201

Group 2

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ENCH394	Process Engineering Design 2	15	S2	Campus	P: ENCH291
ENCN375	Systems Engineering for a Changing Climate	15	S2	Campus	P: ENCN201 (for basics of engineering writing) R: ENCN470
ENEL300	Electrical and Computer Engineering Design 2	15	S2	Campus	P: ENEL200, ENCE260, ENEL270. Subject to approval of the Head of Department R: ENEL350
ENME311	Mechanical Engineering Design	15	S2	Campus	P: ENME301 R: ENME351, ENME362
ENMT301	Mechatronics System Design	30	W	Campus	P: ENMT201, or ENMT211 and ENMT221 R: ENMT302

FORE316	Forest Management	30	S2	Campus	R: ENFO316, FORE316-prior to 2011, FORE319, FORE320, ENFO491-prior to 2011.
SENG302	Software Engineering Group Project	30	W	Campus	P: SENG201 and COSC265 and approval by Head of Department. C: SENG301

Group 3

Any of these courses:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
ANTH213	Environment, Development and Sustainability: Anthropological Perspectives	15	S1	Campus	P: Any 15 points at 100-level from ANTH, GEOG, or SOCI, or 60 points at 100-level from the Schedule V of the BA. R: ANTH313
ANTH223	Ethnicity, Racism and Genocide	15	S2	Campus	P: Any 15 points at 100-level from ANTH, HIST, MAOR, or SOCI, or 60 points at 100-level from the Schedule V of the BA. R: HIST283, MAOR230, PACS204, SOCI223 EQ: HIST283, MAOR230, PACS204
EDUC206	Education and Society: Ideals and Realities	15	S2	Distance Learning	P: 30 points in EDUC or YACL, or 45 points of ANTH, CULT, HIST, POLS, SOCI, SPCO, or permission of the Head of School R: EDUC220
			S2	Campus	
GEOG217	Places for Wellbeing and Flourishing	15	S2	Campus	P: Any 30 points at 100-level from any subject, normally including GEOG110 or GEOG106.
HIST298	An Environmental History of Ancient to Modern India: Elephants and Empires	15	S2	Campus	P: Any 15 points at 100-level in HIST or CLAS120, or any 60 points at 100-level from the Schedule V of the BA. R: HIST398

Other courses not listed here may be taken with approval of Diploma Directors and Pūhanga | Executive Dean of Engineering or delegate.

Qualification Regulations