

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 2018.
- (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) ENGR101 Foundations of Engineering 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) 15 points selected from Schedule E: Group 3 and
- (e) 30 points selected from Schedule E: Group 4 and
 - (i) either ENGR315 Humanitarian Engineering Practice, or ENGR316 Humanitarian Engineering Professional Report. A student may not enrol in either ENGR315 or ENGR316 until they have completed at least 15 points from Schedule C and 15 points from Schedule D.

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 no additional stipulations.

8. Progression

This qualification adheres to the General Conditions for Credit and Transfer Regulations, with the following stipulation:

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

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 E: Elective Courses for Diploma in Global Humanitarian Engineering

For full course information, go to www.canterbury.ac.nz/courses

Group 1

| Course Code | Course Title | Pts | 2024 | 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: ENCN211 |
| 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 | 2024 | 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 |
| 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 C: SENG301 |

Group 3

| Course Code | Course Title | Pts | 2024 | Location | P/C/R/RP/EQ |
|-------------|---|-----|------|-------------------|---------------------------------------|
| ANTH102 | Cultural Diversity and The Making of The Modern World | 15 | NO | | |
| ANTH104 | Indigenous peoples, development and anthropology | 15 | NO | | R: MAOR170 EQ: MAOR170 |
| CHCH101 | Strengthening Communities through Social Innovation | 15 | SU2 | Distance Learning | |
| | | | S1 | Campus | |
| | | | S1 | Distance Learning | |
| EDUC103 | Education, Culture and Society | 15 | S1 | Campus | R: EDUC120 and TEDU111 EQ: TEDU111 |
| | | | S1 | Distance Learning | |

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|---------|--|----|-----|-------------------|--|
| GEOL113 | GeoHazards | 15 | NO | | |
| MAOR107 | Te Ara o Tawhaki: Māori Thought, Beliefs and Practices | 15 | S1 | Campus | R: PACS102 EQ: PACS102 |
| | | | S1 | Distance Learning | |
| MAOR108 | Te Patu a Maui : The Treaty of Waitangi - facing and overcoming colonisation | 15 | SU2 | Distance Learning | R: CULT114, MAOR113 (prior to 2006) EQ: CULT114 |
| MAOR165 | Tuakiri : Culture and Identity | 15 | S1 | Campus | |
| | | | S1 | Distance Learning | |
| | | | S2 | Campus | |
| | | | S2 | Distance Learning | |
| POLS104 | Introduction to International Relations | 15 | S2 | Distance Learning | |
| | | | S2 | Campus | |
| POLS105 | Comparing the Politics of Nations: A Global Introduction | 15 | S2 | Campus | |
| SOCI111 | Exploring Society | 15 | S1 | Campus | |
| SOCI112 | Global Society | 15 | S2 | Campus | |

And a special topic as approved by the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate.

Group 4

Any of these courses:

| Course Code | Course Title | Pts | 2024 | 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 YAEL, or 45 points of ANTH, CULT, HIST, POLS, SOCI, SPCO, or permission of the Head of School R: EDUC220 |
| | | | S2 | Campus | |
| HIST279 | Social and Cultural History of India | 15 | NO | | 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: HIST367, SAST302, SAST202 EQ: SAST202 |
| HIST294 | Recovering Christchurch 1850-2010 | 15 | NO | | 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: HIST394 |
| HIST298 | An Environmental History of Ancient to Modern India: Elephants and Empires | 15 | NO | | 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 |

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|---------|--|----|----|-------------------|---|
| HIST398 | An Environmental History of Ancient to Modern India: Elephants and Empires | 30 | NO | | P: Any 30 points at 200-level from HIST, or any 60 points at 200-level from the Schedule V of the BA. R: HIST298 |
| HSRV208 | Gender Sensitivity and the Human Services | 15 | S1 | Campus | P: 15 points at 100-level in HSRV AND 15 points from either Schedule V to the BA, Schedule C to the BSW(Hons), Schedules C or E to the BCJ; OR 60 points from the BA, BSW(Hons) or BCJ. R: HSRV308 |
| | | | S1 | Distance Learning | |
| MAOR219 | Te Tiriti: The Treaty of Waitangi | 15 | S2 | Campus | P: Any 15 points at 100-level from CULT, HIST, HSRV, MAOR, POLS, SOCI, SOWK, or TREQ, or any 60 points at 100-level from the Schedule V of the BA. R: POLS218, POLS258, HIST268, SOCI209, HSRV207, CULT219 EQ: POLS218, POLS258, HIST268, SOCI209, HSRV207, CULT219 |
| MAOR285 | Modern Histories of Ngāi Tahu | 15 | S1 | Campus | P: Any 15 points at 100-level from HIST, MAOR, or TREQ, or any 60 points at 100-level from the Schedule V of the BA. R: HIST292 EQ: HIST292 |
| POLS206 | Introduction to Public Policy and Policy Analysis | 15 | S1 | Campus | P: Any 15 points at 100-level from HLTH, HSRV, or POLS, or any 60 points at 100-level from the Schedule V of the BA, or LAWS, GEOG, or the Schedule V of the BCom. |
| SOCI220 | Environment and Society | 15 | S2 | Campus | P: Any 15 points at 100-level from ANTH or SOCI, or any 60 points at 100-level from the Schedule V of the BA. R: SOCI230 (2005), SOCI320, SOCI330 (2005) |
| SOCI244 | On Death and Dying: Current Controversies in Thanatology | 15 | NO | | P: Any 15 points at 100-level from ANTH or SOCI, or any 60 points at 100-level from the Schedule V of the BA. R: SOCI344, POLS404 |
| SOCI255 | Sociology of the City | 15 | NO | | P: Any 15 points at 100-level from ANTH, CULT, or SOCI, or any 60 points at 100-level from the Schedule V of the BA. R: SOCI292, SOCI392, SOCI355, CULT210, CULT310 EQ: CULT210 |
| SOCI263 | Sociology of the Everyday World | 15 | NO | | P: Any 15 points at 100-level from ANTH or SOCI, or any 60 points at 100-level from the Schedule V of the BA. |

And a special topic as approved by the Amo Matua, Pūhanga | Executive Dean of Engineering or delegate.