

# FACULTY OF ENGINEERING

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### CIVIL ENGINEERING – GRADUATE APPRENTICESHIP

Bachelor of Engineering with Honours in Civil Engineering – Graduate Apprenticeship  
Bachelor of Engineering in Civil Engineering – Graduate Apprenticeship  
Diploma of Higher Education in Civil Engineering – Graduate Apprenticeship  
Certificate of Higher Education in Civil Engineering – Graduate Apprenticeship

*These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)*

#### Mode of Study

1. The programmes are available flexibly via on campus study (Open Access) or off campus (Distance Learning) on a full time basis.

#### Curriculum

2. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

#### Compulsory Modules

Module Code	Module Title	Level	Credits
EO109	Mathematics and Numerical Tools 1A	1	30
EO105	Basic Mechanics and Materials	1	20
EO106	Structural Analysis 1	1	20
EO107	Soils and Water 1	1	20
EO108	Work Based Learning 1	1	30

3. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

#### Compulsory Modules

Module Code	Module Title	Level	Credits
EO209	Mathematics and Numerical Tools 2A	2	30
EO205	Structural Analysis 2	2	20
EO206	Soils and Water 2	2	20
EO207	Civil Engineering Practice	2	20

EO208	Work Based Learning 2	2	30
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4. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

Module Code	Module Title	Level	Credits
EO304	Civil Engineering Design Project	3	60
EO306	Geotechnical Engineering 1	3	20
EO307	Structural Engineering 1	3	20
EO308	Transport Engineering	3	10
EO309	Water Engineering 1	3	10

5. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

Module Code	Module Title	Level	Credits
EO407	Civil Engineering Individual Project	4	60

**Optional Modules**

60 credits at Level 4 chosen from the list of optional modules in the Faculty of Engineering, as approved by the Programme Leader.

**Progress**

6. In order to progress to the second year of the programme, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)
7. In order to progress to the third year of the programme, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)
8. In order to progress to the fourth year of the programme, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)

**Final Honours Classification**

9. The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional modules which are taken in third and fourth year of the programme.

**Award**

10. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Civil Engineering, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)
11. **BEng:** In order to qualify for the award of the degree of BEng in Civil Engineering, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)
12. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Civil Engineering, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)
13. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Civil Engineering, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)