

Addendum to the Programme Specification

8277 MSc Civil Engineering with Integrated Qualifying Year

This Addendum has been produced to highlight the key changes made to the existing Programme Specification as a result of the University's response to the Covid-19 Pandemic. You should read it in conjunction with the relevant Programme Specification from the year you started your programme.

[Programme Specification for entry in 2020-21](#)
[Programme Specification for entry in 2019-20](#)

University level information

In view of COVID-19, the University has had to make changes to some elements of programme delivery for 2020-21. These changes have included the method of delivery, such as face-to-face and online, and the number of modules available.

The University aims to provide as much of a face-to-face component to your education as prevailing conditions at the time allow, combined with its new blended approach that will develop active independent and group online learning.

As the COVID-19 pandemic develops, the University's response to this and other issues may likewise need to evolve. The University will consult with student representatives as necessary and appropriate and will communicate changes to you as soon as practicable so that you have the information you need to understand how a change may impact you and what steps you need to take next. The University remains committed to supporting you as you learn.

Programme Information

In the light of Covid-19, there may be changes to how some group tasks will be organised. Field trips and / or practical work will remain a key part of the programme, but will be offered / scheduled in line with current local and international guidelines regarding safe distancing, travel etc.

Programme Structure

Where optional modules have been specified, the following is an indicative list of available optional modules, which are subject to change each academic year. Please note that, in some instances, modules have limited spaces available.

Programme:	MSc Civil Eng/Intg Qual Yr - 8277
Term:	2020-2021 Academic Session (202021)
Area title:	8277-0 - MSc Civil Eng Qualifying Year

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
CENV 2006	Soil Mechanics	15	No	Semester 1
CENV 2008	Hydraulics	15	No	Semester 2
CENV 2024	Structural Design & Materials	15	No	Semester 2
CENV 2031	Structural Analysis	15	No	Semester 1
CENV 2035	City Infrastructure Des Proj	15	No	Semester 2
CENV 3059	Urban Water & Wastewater Eng	15	No	Semester 2
CENV 3060	Highway & Traffic Engineering	15	No	Semester 1
CENV 3065	Railway Eng & Operations	15	No	Semester 2

Optional Modules

You must choose from the following modules:

Module	Credit	Semester/Term
No optional modules in this Part		

Programme:	MSc Civil Eng/Intg Qual Yr - 8277
Term:	2020-2021 Academic Session (202021)
Area title:	3942-1 - MSc Civil Eng Part 1

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
FEEG 6012	MSc Research Project	60	Yes	Non-Standard
FEEG 6025	Data Analys & Exp Meth for CEE	15	No	Semester 1
FEEG 6200	Induction for Engineers	0	No	Semester 1

Optional Modules

You must choose from the following modules:

Module		Credit	Semester/Term

Rule PT1 R1	<p>Optional Modules</p> <p>Select 105 credits from the following groups of optional modules.</p> <p>You MUST select your modules from at least three of the following subject areas: Coastal, Environmental, Infrastructure, Management or Transport.</p> <p>Please ensure that you have taken 180 credits over the year, including your compulsory modules.</p> <p>Please ensure that you select an even split of credits overall by Semester including your compulsory modules. If you do not, you will be contacted by your Student Office and asked to amend your choices.</p>		
Rule PT1 R1 G0	<p>Optional Modules - Level 6</p> <p>Select 0 to 30 credits from the following modules.</p>		
CENV 3020	Geotechnical Engineering	15	Semester 1
CENV 3056	Structural Engineering	15	Semester 1
CENV 3060	Highway and Traffic Engineering	15	Semester 1
CENV 3065	Railway Engineering and Operations	15	Semester 2
Rule PT1 R1 G1	<p>Optional Modules - Level 7</p> <p>Select 0 to 105 credits from the following modules.</p>		

CENV 6085	Waste Resource Management	15	Semester 2
CENV 6086	Advanced Structural Engineering	15	Semester 2
CENV 6090	Energy Resources and Engineering	15	Semester 2
CENV 6112	Transport, Energy and the Environment	15	Semester 2
CENV 6122	Advanced Geotechnical Engineering	15	Semester 2
CENV 6134	Earthquake Engineering and Seismic Design of Steel Buildings	15	Semester 1
CENV 6141	Bioenergy	15	Semester 2
CENV 6148	Energy Performance Assessment of Buildings	15	Semester 2
CENV 6152	Project Economics and Management	15	Semester 1
CENV 6153	Transport Modelling	15	Semester 1
CENV 6168	Transport Management and Safety	15	Semester 1
CENV 6172	River and Estuary Restoration	15	Semester 2
CENV 6174	Flood Modelling and Mitigation	15	Semester 1
CENV 6175	Coastal and Maritime Engineering	15	Semester 1
FEEG 6010	Advanced Finite Element Analysis	15	Semester 2
Rule PT1 R2	Optional English Lang Support You may select this module for English Language Support		
FEEG 6036	Academic Support for International Students	0	Full Academic Year

Programme: MSc Civil Eng/Intg Qual Yr - 8277

Term: 2020-2021 Academic Session (202021)

Area title: 3942-2 - MSc Civil Eng Part 2

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
FEEG 6012	MSc Research Project	60	Yes	Non-Standard

Optional Modules

You must choose from the following modules:

Module	Credit	Semester/Term
No optional modules in this Part		