

Programme Regulations: 2026/27

Programme Titles:

Degree of Master of Science in Civil Engineering – Code 5538F

Degree of Master of Science in Civil Engineering Science – Code 5539F*

Notes

- (i) These programme regulations should be read in conjunction with the University's Taught Programme Regulations.
- (ii) A compulsory module is a module which a student is required to study.
- (iii) All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.
- (iv) All modules are delivered as Block mode.
- (v) *Programme coded 5539F is a non-accredited degree title and is awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions.

1. Programme Structure

- (a) The programme is available for study in full-time mode only
- (b) The period of study for full-time mode shall be 1 year
- (c) The programme comprises modules to a credit value of 180.
- (d) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Core for PSRB Accreditation	Core for outcomes	Mode
CEG8012	Construction Project Management and Digital Engineering	20	20	0	7	7		Y		Block
CEG8096	MSc Project and Dissertation	60	3	7	50	7		Y		Linear
CEG8730	Data Analysis and Geographic Information Systems	20	20	0	0	7		Y		Block
CEG8732	Industry, Sustainable Systems and Professionalism	20	20	0	0	7		Y		Block
CEG8741	Advanced Modelling for Civil Engineering	20	0	20	0	7		Y		Block

(e) All candidates shall take one of the following optional module streams to a value of **40** credits:

(i) Structural Engineering

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type</i>	<i>Core for PSRB Accreditation</i>	<i>Core for outcomes</i>	<i>Mode</i>
CEG8742	Sustainable Construction Practice	20	0	20	0	7				Block
CEG8743	Specialist Structures	20	0	20	0	7				Block

(ii) Geotechnical Engineering

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type</i>	<i>Core for PSRB Accreditation</i>	<i>Core for outcomes</i>	<i>Mode</i>
CEG8742	Sustainable Construction Practice	20	0	20	0	7				Block
CEG8744	Advanced Geotechnical Design	20	0	20	0	7				Block

(iii) Water Resources Engineering

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type</i>	<i>Core for PSRB Accreditation</i>	<i>Core for outcomes</i>	<i>Mode</i>
CEG8514	Climate Change: Vulnerability, Impacts and Adaptation	10	0	10	0	7				Block
CEG8523	Modelling and Forecasting of Floods	10	0	10	0	7				Block
CEG8746	Water Resources Modelling and Management	20	0	20	0	7				Block

With the approval of the Degree Programme Director and depending upon the academic background of the candidate, alternative optional modules to those listed above may be selected.

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.

3. Other

For the purpose of professional accreditation, the University's Education Committee has approved a variation to the Taught Programme Regulations to the effect that a candidate who passes all core modules and fails up to 20 credits of non-core modules is recommended, as of right, for the award of an appropriate Master's degree or Postgraduate Diploma, provided that no mark is below 40 and the weighted average mark for all modules and all non-modular aggregated assessment is at least 50.

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