

Programme Regulations: 2025/26

Programme Titles:

Master of Science in Hydrology and Water Management Codes: 5408F

Master of Science in Water Management – Code: 5470F*

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 modules are delivered in Liner mode unless stated otherwise as Block, eLearning or distance learning.*
- (iv) **Degree of Master of Science in Water Management – Code: 5470F, is a non-accredited Masters degree title awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions and not the requirements of accreditation.*

1. Programme Structure

- (a) The programme is available for full-time study.
- (b) The programme comprises modules to a credit value of 180.

(c) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Mode
CEG8501	Quantitative Methods for Engineering	10	10			7	Block
CEG8512	Global Integrated River Basin Management	10		10		7	Block
CEG8514	Climate Change: Vulnerability, Impacts and Adaptation	10		10		7	Block
CEG8523	Modelling and Forecasting of Floods	10		10		7	Block
CEG8524	Water Management: Issues and Challenges	10	10			7	Block
CEG8525	Hydrosystems Processes and Data Analysis	20	20			7	Block
CEG8526	Hydrosystems Modelling and Management	20	20			7	Block
CEG8527	Fundamentals of Conceptual and Numerical Groundwater Modelling	10		10		7	Block
CEG8096	MSc Project and Dissertation	60	3	7	50	7	
CEG8705	Geographic Information Systems (GIS)	10		10		7	Block

- (d) All candidates shall take 10 credits of optional modules selected from the following list (subject to timetabling):

CEG8107	Environmental Engineering in Low and Middle Income Countries	10		10		7	Block
CEG8517	State of the Art Modelling in Hydraulics	10		10		7	Block

2. Assessment methods

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

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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3. Other

Candidates may select alternative taught modules to those listed above to a maximum of 20 credits with the approval of the Degree Programme Director and subject to timetabling constraints.