

Programme Regulations: 2022/23

Programme Titles: Master of Science in Hydrology and Water

Management Codes: 5408F / 5408P

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

Notes

- (i) *These programme regulations should be read in conjunction with the University's Postgraduate (Taught) Progress Regulations and Examination Conventions.*
- (ii) *A compulsory module is a module which a student is required to study.*
- (iii) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

1. Programme Structure

- (a) The programme is available for study in both full-time and part-time modes.
- (b) The period of study for full-time mode shall be 1 year starting in September. The period of study for part-time mode shall normally be 2 years starting in September.
- (c) The programme comprises modules to a credit value of 180.
- (d) All candidates shall take the following compulsory modules:

<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>Mode</i>
CEG8501	Quantitative Methods for Engineering	10	10			7	Block
CEG8512	Integrated River Basin Management	10		10		7	Block
CEG8516	Groundwater Modelling	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
CEG8596	MSc Project and Dissertation in Water Resources	60		5	55	7	Linear
CEG8705	Geographic Information Systems	10		10		7	Block

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

CEG8107	Environmental Engineering for Developing Countries	10		10		7	Block
CEG8511	Groundwater Assessment	10		10		7	Block
CEG8517	Computational 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 Learning, Teaching and Student Experience Committee has approved a variation in Postgraduate (Taught) Examination Conventions 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 a Pass in 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.

*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.

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.