

Programme Regulations: 2021/22

Programme Title: MSc in Hydrogeology and Water Management

Codes: 5407F / 5407P

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 Liner 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 programmes 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>
CEG8507	Borehole Design, Construction and Operation	10		10		7	Block
CEG8511	Ground Water Assessment	10		10		7	Block
CEG8512	Integrated River Basin Management	10		10		7	Block
CEG8516	Groundwater Modelling	10		10		7	Block
CEG8705	Geographic Information Systems	10		10		7	Block
CEG8501	Quantitative Methods for Engineering	10	10			7	Block
CEG8524	Water Management: Issues and Challenges	10	10			7	Block
CEG8525	Hydrological 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	

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

<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>
CEG8608	Remediating Contaminated Land	10		10		7	Block
CEG8514	Climate Control: Vulnerability, Impacts and Adaptation	10		10		7	Block
CEG8107	Environmental Engineering for Developing Countries	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 in Postgraduate (Taught) Examination Convention P.45 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.

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.