FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

HYDROGEOLOGY

Master of Science in Hydrogeology
Postgraduate Diploma in Hydrogeology
Postgraduate Certificate in Hydrogeology

These regulations are to be read in conjunction with General Academic Regulations - Postgraduate Taught Degree Programme Level.

Admission

1. Notwithstanding the General Academic Regulations - Postgraduate Taught Degree Programme Level, applicants shall possess:

   i. a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
   ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.

2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See General Academic Regulations - Postgraduate Taught Degree Programme Level.

Mode of Study

4. The programmes are available full-time and part-time flexibly via on campus study or off campus (Distance Learning).

Place of Study

5. As permitted by the General Academic Regulations - Postgraduate Taught Degree Programme Level, some off-campus work may be required. Study by Flexible Learning options will require off-campus arrangements of distance learning.

Curriculum

6. All students shall undertake an approved curriculum as follows:

   i. for the Postgraduate Certificate no fewer than 60 credits
   ii. for the Postgraduate Diploma no fewer than 120 credits
   iii. for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Modules

Module Code	Module Title	Level	Credits
Either			
CL906	Site Investigation and Risk Assessment	5	10
Or			

CL949	Site Investigation and Risk Assessment	5	10
Either			
CL804	Research Methods for Quantitative and Qualitative Approaches	5	10
Or			
CL997	Research Methods for Quantitative and Qualitative Approaches	5	10
CL935	Hydrogeology	5	10
CL946	Global Water Policy	5	10
CL952	Aquifer Mechanics	5	10
CL951	Groundwater Flow Modelling	5	10
CL954	Contaminated Land	5	10
CL975	Environmental Chemistry	5	10
Students for the degree of MSc			
CL980	Project	5	60

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
CL904	Waste Management and Landfill Design	5	10
CL948	Principles of Environmental Microbiology	5	10
CL961	Geographical Information Systems (GIS)	5	10
CL973	Independent Study in Collaboration with Industry	5	10
CL987	Engineering Hydrology	5	10
EV921	Water and Environmental Management	5	10
Either			
EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best practice in environmental impact assessment	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits, as approved by the Programme Leader.
Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

7. See General Academic Regulations - Postgraduate Taught Degree Programme Level.

8. The final award will be based on performance in the examinations, coursework and, the Dissertation where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Hydrogeology a candidate must have accumulated no fewer than 180 credits from the programme curriculum and a 60 credits dissertation CL980.

10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Hydrogeology a candidate must have accumulated no fewer than 120 credits from the programme curriculum.

11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Hydrogeology a candidate must have accumulated no fewer than 60 credits from the programme curriculum.