

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

ENVIRONMENTAL ENGINEERING

Master of Science in Environmental Engineering
Postgraduate Diploma in Environmental Engineering
Postgraduate Certificate in Environmental Engineering

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 project

Compulsory Modules

Module Code	Module Title	Level	Credits
CL904	Waste Management and Landfill Design	5	10
Either			

CL906	Site Investigation and Risk Assessment	5	10
Or			
CL949	Site Investigation and Risk Assessment	5	10
CL948	Principles of Environmental Microbiology	5	10
CLxxx	Environmental Geochemistry	5	10
Either			
CL804	Research Methods for Quantitative and Qualitative Approaches	5	10
Or			
CL997	Research Methods for Quantitative and Qualitative Approaches	5	10
Students for the degree of MSc only:			
CL980	Project	5	60

Optional Modules

No fewer than 70 credits chosen from:

Module Code	Module Title	Level	Credits
CL935	Hydrogeology	5	10
CL946	Global Water Policy	5	10
CL954	Contaminated Land	5	10
CL960	Fundamentals of Environmental Forensics	5	10
CL961	Geographical Information Systems (GIS)	5	10
CL978	Water & Wastewater Treatment Design	5	10
EF929	Financial Engineering	5	10
EV908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV921	Water and Environmental Management	5	10
CL952	Aquifer Mechanics	5	10
CL520	Engineering Challenges in Nuclear Decommissioning	5	10
CL951	Groundwater Flow Modelling	5	10
CL989	Isotope Hydrogeology	5	10

EF931	Project Management	5	10
CL913	Public Health Studies	5	10
NM969	Renewable Marine Energy Systems	5	10
Either			
CL994	Circular Economy and Transformations Towards Sustainability	5	10
Or			
CL988	Leading Issues in Circular Economy	5	10
Either			
EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best Practice in Environmental Impact Assessment	5	10
Either			
EC928	Energy Economics	5	10
Or			
EC960	Energy Economics	5	10
Either			
CL998	Independent Research Study	5	10
Or			
CL999	Independent Research Study	5	10
Or			
CL973	Independent Study in Collaboration with Industry	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.

Optional modules for study by Flexible Learning are available subject to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

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, the project, where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Environmental Engineering a candidate must have accumulated no fewer than 180 credits from the programme curriculum including a project CL980.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Environmental Engineering a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Engineering a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.