

SOIL SCIENCE (MSc/PgDip)

57D900BH/61D900Y9

Duration: 12 months full-time (MSc); 9 months full-time (PgDip). 24 months part-time (MSc); 18 months part-time (PgDip); 8 months part time (PgCert).

Content:

Candidates must attend the following designated programme of courses unless they have previously passed courses deemed by the Programme Co-ordinator to be equivalent to one or more of the specified courses, in which case another course must be taken with approval from the Programme Co-ordinator. Candidates must take a minimum of 120 credit points from the compulsory and elective courses in stages 1 and 2.

FULL TIME ROUTE

Stage 1

Compulsory courses:

EV5006 Core Skills for Environmental Sciences (15 credit points)
SS5008 Global Soil Geography (15 credit points)
SS5305 Soils for Food Security (15 credit points)
EV5403 Applications of GIS (7.5 credit points)

Plus 15 credit points from the following list of elective courses:

PL5303 Ecosystem Processes (15 credit points)
BI5301 Environmental Pollution (15 credit points)

Stage 2

Compulsory courses:

SS5807 Land Use and the Changing Environment (7.5 credit points)
EV5800 Environmental Analysis (15 credits points)
EK5511 Catchment Management (15 credit points)

Plus 15-30 credit points from the following list of elective courses:

EK5804 Environmental Impact Assessment (15 credit points)
SS5500 Remediation Technology (15 credit points)
EV5516 Society and Environment (15 credit points)
BI5802 Ecological and Environmental Modelling (15 credit points)
Final Stage (Stage 3)

SS5903 Project in Soil Science (60 credit points)

PART-TIME ROUTE

This route will run over two years minimum. Candidates can take up to 120 credit points in an academic year.

Candidates must take a minimum of 120 credit points of courses including all the compulsory courses and a selection of the elective courses in stages 1 and 2 (listed above) plus the 60 credit research project.

EV5006 Core Skills for Environmental Sciences must be taken in Year 1.

SS5903 Project in Soil Science must be registered for in Year 2. However the work for Project in Soil Science may be split between Years 1 and 2.

Part-time students must consult with the Programme Coordinator before registering for courses.

Assessment: By a combination of (1) assignments as prescribed for each course, and (2) a dissertation covering the research project. MSc and Diploma candidates are usually required to attend an oral examination.