GEOGRAPHICAL INFORMATION SYSTEMS (SEPTEMBER START) (MSc/PgDip/PgCert)
57F8SSB1/61F8SSVX/62F8SSVZ

Duration: 12 months full-time or 24 months part-time (MSc); 9 months full-time or 20 months part-time (PgDip); 4 months full-time or 8 months part-time over 2 years (PgCert).

Content:

Candidates shall be required to attend the following designated programme of courses:

FULL TIME ROUTE

Stage 1 (for the Certificate)

GG5067 Origins, Evolutions and Implementation of GIS (15 credit points)
GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
GG5069 WebGIS and Online Mapping (15 credit points)
CS5097 Database Systems and Big Data (15 credit points)

Stage 2 (for the Diploma)

All the courses for Stage 1, plus:

GG5567 Advanced Spatial Analysis and Programming (15 credit points)
GG5559 UAV Remote Sensing, Monitoring and Mapping (15 credit points)
GG5569 Fundamentals and Advanced Applications of Map Algebra (15 credit points)
GG5540 Current Applications of GIS (15 credit points)

Stage 3 (for the MSc)

All the courses for Stage 1 and 2, plus:

GG5910 Dissertation in Geographical Information Systems (60 credit points)

PART TIME ROUTE

Year 1

GG5067 Origins, Evolutions and Implementation of GIS (15 credit points)
GG5065 Introduction to GIS Tools,Techniques, Cartography and Geovisualisation 15 credit points)
GG5569 Fundamentals and Advanced Applications of Map Algebra (15 credit points)
GG5559 UAV Remote Sensing, Monitoring and Mapping (15 credit points)

Year 2

GG5069 WebGIS and Online Mapping (15 credit points)
CS5097 Database Systems and Big Data (15 credit points)
GG5567 An Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
GG5540 Current Applications of GIS (15 credit points)

GG5910 Dissertation in Geographical Information Systems (60 credit points)

Assessment: By a combination of (i) written assignments, practicals and fieldwork, presentations and laboratory reports - as prescribed for each course, (ii) a dissertation.