

MSc Geographical Information Science

Postgraduate
Opportunities 2017

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THE UNIVERSITY *of* EDINBURGH
School of GeoSciences

Providing powerful solutions to real-world problems with one of the world's most important technologies

This world-class programme, the first of its kind, has been designed to provide a unique educational opportunity in Geographical Information Science (GIS). It offers expert understanding of the latest developments in GIS, mixing practical training, theoretical knowledge and an ability to apply learned skills in any software environment. Our unique modular structure enables you to tailor the programme around your individual interests and career goals. Demand for skilled GIS expertise continues to grow, and our programme is held in high regard by employers. This reputation ensures that our graduates receive favourable consideration when they begin looking for work.

Careers

Our graduates work throughout the world in both public and private sector organisations, and in the past have pursued careers with Microsoft, Google, General Electric Aerospace, the World Bank, British Antarctic Survey, the World Conservation Monitoring Centre, Unisys, British Airways, the Forestry Commission, DEFRA, IBM, ESRI, Intergraph, Mapinfo and Registers of Scotland.

The programme is accredited by the Royal Institution of Chartered Surveyors.

“There is no better GIS programme in the world”

- Professor Bob Barr, OBE
- Chairman of Manchester Geomatics

Studying MSc Geographical Information Science (GIS) (2017 entry)

This Programme is tailored to prepare you for employment with courses that reflect the needs of industry and provide you with a marketable edge.

Compulsory courses typically will be*:

Introduction To Spatial Analysis; Spatial Modelling; Research Practice and Project Planning; Distributed GIS; GeoVisualisation; Dissertation

Option courses may include*:

Advanced Spatial Database Methods; Atmospheric Quality and Global Change; Business Geographics; Data Integration and Exchange; Data Mining and Exploration; Ecosystem Services 1: Ecosystem Dynamics and Functions; Ecosystem Services 2: Ecosystem Values and Management; Environmental Impact Assessment; Forests and Environment; Fundamentals for Remote Sensing; Further Spatial Analysis; Hyperspectral Remote Sensing; ICT for Development; Introduction to Environmental Modelling; Introduction to Radar Remote Sensing; Introduction to 3D Climate Modelling; Land Use/ Environmental Interactions; Management of Sustainable Development; Marine Systems and Policies; Object Orientated Software Engineering: Spatial Algorithms; Object Oriented Software Engineering Principles; Participation in Policy and Planning; Principles of Environmental Sustainability; Principles of Geographical Information Science; Principles of GIS for Archaeologists; Technologies for Sustainable Energy; Water Resource Management

**Courses are offered subject to timetabling and availability and are subject to change*

Programme Delivery and Duration

The programme is delivered on-campus full-time over 12 months or part-time over 24 or 36 months.

Entry Requirements

A UK 2:1 degree or equivalent. A UK 2:2 or equivalent may also be accepted with relevant industrial or business experience.

English Language Requirements

IELTS 7.0 (with no score lower than 6.0 in each section) TOEFL-iBT: Total 100 (with no score lower than 20 in each section). A degree from an English speaking university may be accepted in some circumstances.

2017/18 Tuition fees will be in the region of*:

Home/EU - £10,800

Overseas/International - £23,700

**Please note that fees typically rise around 5% each year.*

Scholarships

Students applying for this programme may be eligible to apply for funding. Details of current opportunities may be found on our website. Deadlines apply so early application is encouraged.

How to Apply

For more information and to apply for this programme online, please visit:

<http://www.ed.ac.uk/pg/74>

Contact us

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