MSc Geographical Information Science and Archaeology

Postgraduate Opportunities 2017

www.ed.ac.uk

THE UNIVERSITY of EDINBURGH
School of GeoSciences
Build a unique set of skills, boost your career prospects and gain a postgraduate qualification from one of the world’s most prestigious universities

This world-class programme, has been designed to provide a unique educational opportunity in exploring the complementary disciplines of Geographical Information Science (GIS) and Archaeology, providing an intensive educational opportunity to equip students for a career at the exciting interface of Archaeology and information and survey technologies. The programme aims to develop and improve the understanding of the field of GIS by mixing strong practical skills with fundamental theoretical knowledge that supports the application of GIS 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 and Archaeological expertise continues to develop, and our team is held in high regard by employers. This reputation ensures that our graduates receive favourable consideration when they begin looking for work.

Studying MSc GIS and Archaeology (2017 entry)

Study takes place over two semesters of taught courses, through lectures and seminars, after which you will work towards an individual dissertation.

Compulsory courses typically will be:

- Introduction to Spatial Analysis;
- Principles of GIS for Archaeologists;
- Research Practice and Project Planning;
- Spatial Modelling; Dissertation

Option courses may include:

Advanced Spatial Database Methods; Archaeology and Environment; Byzantine Archaeology; The archaeology of the Byzantine empire and its neighbours AD 500-850; Distributed GIS; Frontiers in Archaeology: Research Seminars; Fundamentals for Remote Sensing; Further Spatial Analysis GeoVisualisation; Hyperspectral Remote Sensing; Introduction to Radar Remote Sensing; Object Oriented Software Engineering: Spatial Algorithms; Object Oriented Software Engineering Principles; Theoretical Archaeology

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

Careers

The expertise gained from this programme will allow you to continue to study or to pursue a career in surveying, illustration and 3D visualisation, digital archiving, heritage management, terrain modelling, database management, geomatics or consultancy. Our GIS graduates have gained work in both public and private sector organisations, including Historic Scotland, English Heritage, the Royal Commission on the Ancient and Historical Monuments of Scotland, CFA Archaeology, Atkins, Jacobs UK, SLR Consulting, central government departments such as DEFRA and several local authorities.

Student experience

This programme typically features a field trip to the Scottish Highlands. On this trip, students will focus on project management and field-based GIS and remote sensing techniques, allowing them to apply theoretical considerations encountered in lecture courses to real case studies.

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/795

Contact us

Programme Director: Dr Neil Stuart
E: gisadmin@geos.ed.ac.uk
T: +44 (0)131 650 2543

The School of GeoSciences is the largest grouping of GeoScientists in the UK, with around 400 academics, researchers and research students. The most recent Research Excellence Framework (REF 2014) rated our School as having the greatest concentration of ‘world-leading’ and ‘internationally excellent’ researchers in the field of GeoSciences in the UK.

In 2016, the University was ranked 20th in the world in The Guardian University League Tables.