

# TRAINING DAYS

THE LATEST EDUCATIONAL INFORMATION ON TRAINING COURSES, DISTANCE LEARNING, COMPANY TRAINING DAYS, SEMINARS AND WORKSHOPS CURRENTLY AVAILABLE. THIS SECTION WILL ALSO INCLUDE COMPETITIONS, AND STUDENT OFFERS AMONG OTHER EXCITING OPPORTUNITIES

## GEOSPATIAL TRAINING DATA SCIENCE CLASSES COMING SOON

Data science, also known as data-driven science, is an interdisciplinary field about scientific methods, processes and systems to extract knowledge or insights from data in various forms, either structured or unstructured.

Data science is a concept to unify statistics, data analysis and their related methods, in order to understand and analyse actual phenomena with data. It employs techniques and theories drawn from many fields within the broad areas of mathematics, statistics, information science and computer science, in particular from the subdomains of machine learning, classification, cluster analysis, data mining, databases and visualisation.

Geospatial Training Services will soon be offering a full slate of data science classes including the following:

- R for data science I: R programming and efficient data management
- R for data science II: machine learning
- Data science with R and Spark
- Python for data science I: Python programming and efficient data management (Pandas)
- Python for data science II: machine learning
- Data science with Python and Spark
- Advanced data science: systems of recommendation
- Data science advanced: text and web mining
- Data science advanced: exploiting information from social networks: network analysis
- Advanced data science: deep learning
- Advanced data science: NoSQL
- Data science for managers
- Introduction to spatial statistics using ArcGIS and R

For more information, visit: <http://geospatialtraining.com/data-science-classes/>

## BLUE MARBLE ESRI USER CONFERENCE TRAINING EVENTS

Blue Marble Geographics will be hosting two events in San Diego CA, US, during the week of the annual Esri User Conference on July 13 and 14.

The Blue Marble User Conference (BMUC) on July 13 is a gathering of geospatial professionals representing a wide variety of industry sectors, government departments, and academic institutions who share a common interest in Blue Marble's GIS and geodetic technology. Attendees gain insight into current and future product plans; hear from interesting and innovative users of Blue Marble's geospatial tools; pick up useful tips and tricks for optimising the application of both Global Mapper and Geographic Calculator; and participate in the on-going collaborative development process by providing feedback and requests to the Blue Marble team. Lunch will be provided.

The one-day LiDAR workshop on July 14 will explore all aspects of LiDAR

processing from initial data quality assurance to 3D analysis. The class will introduce the structure and characteristics of LiDAR data before following a series of workflows that demonstrate the point cloud visualisation, editing, and analysis capabilities of Global Mapper and the accompanying LiDAR Module.

"We are very pleased to be offering two opportunities for Esri UC delegates to learn about Blue Marble's geospatial technology," stated Blue Marble's President, Patrick Cunningham. "We welcome both users and non-users to join us for BMUC and for the LiDAR workshop."

Registration is required for both of these events and space is limited.

**For more information on BMUC San Diego, visit: [www.bluemarblegeo.com/bmuc](http://www.bluemarblegeo.com/bmuc)**  
**For more information and to reserve your slot at the LiDAR Workshop visit: [www.bluemarblegeo.com/training](http://www.bluemarblegeo.com/training)**

## LUXCARTA JOINS EUROPEAN TRAINING AND SIMULATION ASSOCIATION

LuxCarta has joined the European Training and Simulation Association (ETSA). The company has been targeting simulation and training opportunities with its geodata portfolio of global land use/land cover and 500+ geospecific cities and believes ETSA membership will help foster more meaningful relationships in this community.

"We believe our expertise developed for the global telecom space – namely our ability to rapidly build large-area coverage of entire cities, regions and even countries – is equally applicable to the simulation and training space," explained Albéric Maumy, MD of LuxCarta.

"We had a positive response at last year's I/ITSEC exhibition. We're continuing to learn about the specific needs and requirements of this community and we're investing in our R&D and marketing to participate in a larger way."

The European Training and Simulation

Association (ETSA) represents the continent's training and simulation community and provides an environment for users and suppliers to exchange opportunities, ideas, information and strategies on training and simulation technology and methodology. The group brings together all those that have a professional interest in improving the effectiveness of training and training related interoperability, standards and codes of practice. It represents to governments and other users of training and simulation the non-partisan business interests of the industry.

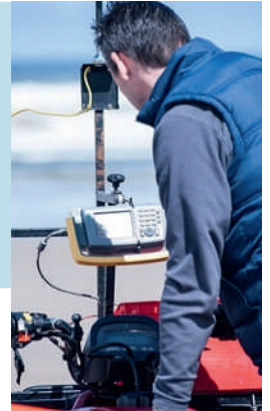
Graham McIntyre, chairman of ETSA commented: "The training and simulation community in Europe depends on small-to-medium enterprises and ETSA is delighted that a leading company like LuxCarta has joined. ETSA is run by the members for the members and I look forward to their participation."

## Geographic Information Systems by Online Distance Learning Study for a PG Certificate, PG Diploma or Masters, full-time or part-time

With over 20 years' experience in teaching GIS, and 15 years teaching via online distance learning, Ulster University's School of Geography and Environmental Sciences has a significant track record in GIS education. We offer a broad-based postgraduate course in the principles and practice of GIS covering core principles and concepts and providing hands-on experience using a variety of software, including ArcGIS, ERDAS Imagine, Excel, SPSS and a number of GIS extensions, plug-ins and open source applications such as OpenLayers, GeoServer, PostgreSQL and PostGIS. Our extensive experience in online course delivery means high student satisfaction levels and very positive feedback from graduates.

### Why study with us?

- Flexibility of location – you can study from almost anywhere and there is no need to travel to classes
- Study part-time or full-time and choose the times you study each week to suit yourself
- Support and advice from experienced lecturers, tutors, librarians, e-learning and IT staff
- Access a wide range of online resources such as e-books, digital lectures and podcasts, discussion boards and video-conference tools all within a dedicated e-learning platform
- Free student copies of GIS, remote sensing and statistical software (ArcGIS, Erdas Imagine and SPSS)
- Two intakes per year for the part-time course (September and January)
- Fees may be paid by instalments
- Relevant work experience may be accepted in place of standard academic entry requirements
- Study for a Master's degree, a PG Diploma, PG Certificate or enrol for individual modules that interest you



*"The course met my expectations and more. I was put out of my comfort zone a lot with learning new areas... but thoroughly enjoyed every minute. Doing this course has already had a positive impact on my career and a big thank you to all the staff and fellow students who helped with great support. I have thoroughly enjoyed the experience."*

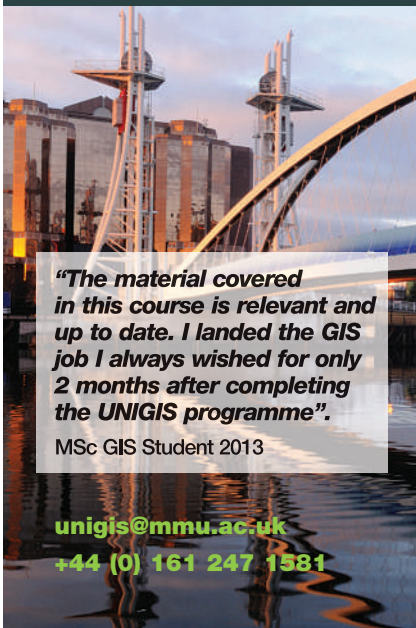
Email: [s.cook@ulster.ac.uk](mailto:s.cook@ulster.ac.uk)

[www.ulster.ac.uk/ges](http://www.ulster.ac.uk/ges)

DISTANCE LEARNING GIS PROGRAMMES

# UNIGIS UK

## Study for a postgraduate qualification in GIS by online distance learning



*"The material covered in this course is relevant and up to date. I landed the GIS job I always wished for only 2 months after completing the UNIGIS programme".*

MSc GIS Student 2013

[unigis@mmu.ac.uk](mailto:unigis@mmu.ac.uk)

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UNIGIS UK has been at the forefront of GIS education for over 20 years, providing online distance learning-based postgraduate education and training in Geographical Information Systems and Science. Our part-time programmes support the personal and career development of GI professionals and those seeking to enter the GI industry. We support you with personal tutors, online resources and web collaboration software for surgeries and tutorials. There are no examinations, our courses are delivered through our bespoke VLE, and are 100% coursework assessed.

- part-time online, distance learning
- flexible entry requirements
- one year for the PgC, two years for the PgD, and three years to complete the Masters
- specialist pathways in GIS, Applied GIS, and GI Technologies
- degrees awarded either by Manchester Metropolitan University or the University of Salford
- recognition by the UK Association for Geographical Information (AGI) for continuing professional development
- annual intake in September
- competitive fees with instalment options
- key textbook and industry standard software included