Who are UNIGIS UK?
We are part of the largest and best established network of distance learning GIS programmes in the world.

Postgraduate Courses (MSc/PgD/PgC) in:
Geographical Information Systems
Geographical Information Technologies
Applied Geographical Information Systems
Who are we?
UNIGIS UK is a partnership between Manchester Metropolitan University and the University of Salford, which has been at the forefront GIS education since 1991. The partnership draws on the full range of resources and expertise of both these UK universities. All qualifications from UNIGIS UK are awards made by either Manchester Metropolitan University or the University of Salford.

What's our aim?
To provide postgraduate education in Geographical Information Systems, Science and Technology that meet the current and future needs of professionals working in the GI industry, or those wishing to enter the sector. We have a proud track record of helping our students achieve their goals.

What do our students say?
"With clear study structure, interesting and thought provoking units, this course is a must for anyone wishing to advance their knowledge regarding GIS. The tutors are excellent and dedicated to providing as much assistance as possible and with the backup and support of the administration staff the whole experience has been a pleasure. I would wholeheartedly recommend this degree programme."

Peter Fallon
Birmingham City Council

"The course fulfilled me personally and allowed me to get the job in a field I enjoy."

Melanie Greenslade
Project Officer, Lancashire County Council

Why choose UNIGIS?
There are a number of reasons why we think you should choose UNIGIS if you wish to enhance your GIS skills, here are a few of them:

Phil Jones
Senior Research Fellow, Swansea University

"Whilst I was a student on the UNIGIS course I was also a lecturer on another distance learning course. Having inside knowledge about how much effort and skill it takes to design and deliver such a course I was extremely impressed with the quality of the content and the organisation of the teaching. The course was well designed and thorough."

UNIGIS Programmes are part-time and taught entirely by distance learning, which means you can study while you work.

We have three programmes for you to choose from; each designed to meet different career goals and aspirations. Our current programmes are:

Geographical Information Systems
providing a broad grounding in the major aspects of contemporary GIS

Applied Geographical Information Systems
focuses on the applications of GIS and Geographical Information

Geographical Information Technologies
looks at the technologies underpinning GI solutions

All our programmes lead to the award of a Master of Science degree after three years of study, but if you decide to study for a shorter time you can be eligible for a Postgraduate Certificate after 1 year or a Postgraduate Diploma after 2 years.
DISTANCE LEARNING GIS PROGRAMMES

Why choose UNIGIS?

- All our courses are supported by bespoke teaching materials and course notes written by the UNIGIS tutors
- All students have access to our dedicated Virtual Learning Environment, which provides course notes, podcasts, video clips and additional reading
- Students are also supplied with a range of textbooks, which you can keep when you have finished studying, and access to industry standard GIS software
- Our units are all assessed by coursework, so there are no exams to worry about
- All our teaching is informed by research and scholarship and reflects the latest developments in Geographical Information Systems, Science and Technology
- UNIGIS UK has a dedicated Administrative team, who provide a focal point for our students. Tutors are available via email, telephone, and Skype. We maintain discussion boards for students, so you will not feel alone on our programme

Comments by our External Examiners, who verify the standards and quality of our programmes:

“The UNIGIS programme offers an excellent opportunity for students to gain a wide range of practical skills and theoretical knowledge in GIS and related technologies.”

“The staff provide a wide range of expertise and, perhaps equally importantly, also provide students with a very pleasant, integrated and supportive learning environment that maximises their opportunity to benefit directly from being enrolled in this programme”

- UNIGIS UK, along with the Free University of Amsterdam and the University of Salzburg, established UNIGIS as an international brand, which now comprises a network of 10 institutions from around the world. The UNIGIS international network is the largest provider of postgraduate GIS education in the world

How does UNIGIS work?

- The three UNIGIS UK programmes are structured over three years, two year of taught units and a final year to complete a dissertation
- In the first two years of taught units you will study three units in each year

Year One

In the first year all students study three core units:

- GIS / Applied GIS / GI Technologies
- Foundations of GIS 20 credits
- Spatial Data Infrastructures 20 credits
- Databases 20 credits

These units ensure that you have a sound foundation in GIS theory and practice before you go on to specialise. At this stage if you decide to leave you will be eligible for the award of ‘Postgraduate Certificate in GIS’.

Educating GIS Professionals Worldwide
Year Two

The second year is where you begin to take specialist units relating to the programme that you decide to take. There is one core unit, Methods in GIS, which all second year students take. This unit develops your knowledge and skills in applying spatial analysis. The remaining two units you take allow you to specialise in your area of interest. If you decide to leave UNIGIS at this stage you will be eligible for the award of ‘Postgraduate Diploma in GIS, Applied GIS or GI Technologies’ depending on which programme you are studying.

The unit choices in the second year are:

**GIS**

**CORE**
- Methods in GIS (20 credits)

**OPTIONS**
- Choose two from:
  - Distributed GIS
  - Environmental Applications of GIS
  - Remote Sensing
  - Social Applications of GIS
  - Spatial Databases & Programming
  - Each 20 credits

**Applied GIS**

**CORE**
- Methods in GIS (20 credits)

**OPTIONS**
- Choose two from:
  - Environmental Applications of GIS
  - Remote Sensing
  - Social Applications of GIS
  - Each 20 credits

**GI Technologies**

**CORE**
- Methods in GIS (20 credits)

**COMPULSORY**
- Distributed GIS
- Spatial Databases & Programming
  - Each 20 credits

Year Three (MSc Dissertation)

You will research a GIS project and present your findings as a dissertation with a target length of 15,000 words. To assist you in your research you will be allocated one of the UNIGIS tutors as your supervisor. Your supervisor will help you to develop your topic and will support you during your research. You may wish to develop a research topic based upon GIS issues in your work-place, thus gaining a double benefit from your studies.

On successful completion of your dissertation you will be eligible for the award of MSc in GIS, Applied GIS or GI Technologies depending on which programme you are studying.

Further Information

Further details about our programmes are available at http://www.unigis.org/

If you wish to contact us directly, we will be delighted to answer any queries that you may have about our programmes. Our address details are:-

UNIGIS Office
Division of Geography and Environmental Management
School of Science and the Environment
Manchester Metropolitan University
John Dalton Building
Chester Street
Manchester M1 5GD
England

Phone: +44 (0)161 247 1581
Fax: +44 (0)161 247 6344
Email: unigis@mmu.ac.uk
Skype: unigis_uk_tmcken架构

What hardware and software will I need?

You will need a PC running Windows XP, Vista or Windows 7 and an Internet connection. Educational copies of GIS software are provided at no additional cost (ArcGIS, GeoMedia, PostGIS, QGIS, uDig, GeoServer). For some units you will need to purchase a copy of the IDRISI Package at an educational price, but you will be informed about that in advance.

Alan Smith
GI Strategy Manager
Office for National Statistics

“The UNIGIS MSc programme provides both a strong theoretical and practical understanding of GIS. Having enjoyed the course myself, several of my staff have now begun the same course.”
How can I join UNIGIS?

What entry qualifications will I need?

Our normal entry requirements are:

- a relevant Honours degree or
- an HND/Foundation degree and relevant experience or
- relevant professional qualifications and experience

Each application is considered individually based on qualification and experience. Enthusiasm and commitment are important. Our admissions tutor will inform you as quickly as possible whether we can offer you a place.

Our programmes start in mid-September each year, although we welcome applications at any time.

How do I apply?

You can download an application from www.unigis.org. Alternatively, copies of the application form can be obtained by contacting the UNIGIS Office.