MSc in Geographic Information Science

DT9419/DT9420 (Full-time & Part-time)

DIT Bolton Street
The School of Surveying & Construction Management

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For further information on the course please contact:

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Bolton Street
Dublin 1
Republic of Ireland
Introduction
The School of Surveying and Construction Management is pleased to present a new MSc programme in Geographic Information Science. It is offered in both full-time and part-time modes. The programme places a strong emphasis on Information Technology, Programming and Web development, areas which have been consistently identified as critical to the need of the geospatial industry. The combination of strong IT skills with excellent spatial analysis capabilities will give graduates a competitive advantage in today’s marketplace.

Calendar - Full-time mode
September to December: Six modules.
January to October: Six modules plus research project and dissertation.

Calendar - Part-time mode
Year One
September to December: Three modules - one evening and day per week
January to May: Three modules - one evening and day per week

Year Two
September to December: Three modules - one evening and day per week
January to October: Three modules - one evening and day per week plus research project and dissertation

The Programme
This conversion programme enables graduates from a related discipline to acquire a qualification in Geographic Information Science at Masters Level. Having studied a particular degree you may decide that you wish to change or enhance your career path by undertaking this new conversion programme at DIT. Applications are invited from graduates of Engineering, Geography, Science, Geomatics, Archaeology, Planning, Environmental Science, Computing and Information Technology but graduates from other discipline areas are encouraged to apply.

The part-time mode of the programme may be particularly attractive to mature candidates and those currently in employment who wish to extend their knowledge and qualifications in this evolving and exciting discipline area.

Topics covered
Semester I
Fundamentals of GIS, Spatial Data Acquisition, GI Project Management
Web and User Interface Design, Spatial Databases and Introduction to Programming

Semester II
Advanced GIS, GIS Modelling, Industrial Work Placement
Web GIS, Programming for GIS and Advanced Spatial Data Management

Our Students
The target annual intake will be approximately 20 students. You can apply for this course if you are just finished your degree, are considering further education within your current role or considering a change of career.

How to Apply
Follow this link to download an application form http://www.dit.ie/study/postgrad

Contact:
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