

536AA Master of Geographic Information Technology

| Year and Campus: | 2011 - Parkville | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CRICOS Code: | 053356M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fees Information: | Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Level: | Graduate/Postgraduate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duration & Credit Points: | 100 credit points taken over 12 months full time. This course is available as full or part time. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coordinator: | A/ Prof Stephan Winterwinter@unimelb.edu.au | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contact: | Melbourne School of Engineering Office courseinfo@eng.unimelb.edu.au (mailto:courseinfo@eng.unimelb.edu.au) http://www.eng.unimelb.edu.au (http://www.eng.unimelb.edu.au) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course Overview: | The Master of Geographic Information Technology is designed to meet the needs of graduates employed in a variety of disciplines associated with land administration, natural resource management, facility information management, environmental management, urban planning and conservation, and who wish to gain a detailed knowledge of the theory, technology and applications of geographic information systems (GIS) as a subset of the broader discipline of the management of spatial data. Graduates are likely to come from engineering, surveying, geography, planning, environmental science, agriculture and forestry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Objectives: | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course Structure & Available Subjects: | Students are required to complete 100 points of study. The selection of subjects will be based on discussion with the Course Coordinator. Subjects are taken from the following list: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subject Options: | <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>GEOM90006 Spatial Analysis</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>GEOM90005 Remote Sensing</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>GEOM90008 Foundations of Spatial Information</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>GEOM90007 Spatial Visualisation</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>GEOM90010 Spatial Information Research Project A</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>GEOM90013 Spatial Information Research Project C</td> <td>Not offered 2011</td> <td>25</td> </tr> <tr> <td>GEOM90015 Spatial Data Infrastructure</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>GEOM90016 Advanced Topics in GIScience</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>GEOM90018 Spatial Databases</td> <td>Not offered 2011</td> <td>12.50</td> </tr> </tbody> </table> <p>Note:</p> <ul style="list-style-type: none"> # students with no previous GIS experience are expected to take subjects: GEOM90005 and GEOM90008 # students may choose up to two relevant GIS-related electives offered by other departments and faculties with the written approval of the Course Coordinator | | | Subject | Study Period Commencement: | Credit Points: | GEOM90006 Spatial Analysis | Not offered 2011 | 12.50 | GEOM90005 Remote Sensing | Not offered 2011 | 12.50 | GEOM90008 Foundations of Spatial Information | Not offered 2011 | 12.50 | GEOM90007 Spatial Visualisation | Not offered 2011 | 12.50 | GEOM90010 Spatial Information Research Project A | Not offered 2011 | 12.50 | GEOM90013 Spatial Information Research Project C | Not offered 2011 | 25 | GEOM90015 Spatial Data Infrastructure | Not offered 2011 | 12.50 | GEOM90016 Advanced Topics in GIScience | Not offered 2011 | 12.50 | GEOM90018 Spatial Databases | Not offered 2011 | 12.50 |
| Subject | Study Period Commencement: | Credit Points: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90006 Spatial Analysis | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90005 Remote Sensing | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90008 Foundations of Spatial Information | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90007 Spatial Visualisation | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90010 Spatial Information Research Project A | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90013 Spatial Information Research Project C | Not offered 2011 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90015 Spatial Data Infrastructure | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90016 Advanced Topics in GIScience | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEOM90018 Spatial Databases | Not offered 2011 | 12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Entry Requirements: | A 4 year University degree, or alternatively a 3 year degree and at least 2 years documented industry experience. English Requirements Please Check the University website for English requirements http://www.futurestudents.unimelb.edu.au/int/grad/english-req (http://www.futurestudents.unimelb.edu.au/int/grad/english-req) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Core Participation Requirements: | For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/ |
| Graduate Attributes: | The Melbourne School of Engineering has mapped the University of Melbourne graduate attributes with Engineers Australia graduate attributes and Melbourne School of Engineering graduate attributes. |