536AA Master of Geographic Information Technology

Year and Campus:	2010 - Parkville
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:	Department of Geomatics Postgraduate Coordinator A/ Prof Stephan Winter E:winter@unimelb.edu.au
Contact:	Melbourne School of Engineering Building 173, Grattan Street The University of Melbourne VIC 3010 Australia General telephone enquiries + 61 3 8344 6703 + 61 3 8344 6507 Facsimiles + 61 3 9349 2182 + 61 3 8344 7707 Email **eng-info@unimelb.edu.au (eng-info@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:	-
Subject Options:	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	Study Period Commencement:	Credit Points:
121-542 Geographical Analysis and GIS	Not offered 2010	12.50
GEOM90006 Spatial Analysis	Semester 2	12.50
GEOM90005 Remote Sensing	Semester 2	12.50
GEOM90008 Foundations of Spatial Information	Semester 1	12.50
GEOM90007 Spatial Visualisation	Semester 1	12.50
GEOM90010 Spatial Information Research Project A	Summer Term, Semester 1, Semester 2	12.50
GEOM90014 Managing Spatial Information Projects	Semester 1	12.50
GEOM90013 Spatial Information Research Project C	Summer Term, Semester 1, Semester 2	25
GEOM90015 Spatial Data Infrastructure	Semester 2	12.50
GEOM90016 Advanced Topics in GIScience	Semester 2	12.50

GEOM90018 Spatial Databases	Semester 1	12.50
451-665 Spatial Visualisation on Line	Not offered 2010	12.50

Note:

  # students with no previous GIS experience are expected to take subjects: 451-609 and 451-610
  # students may choose up to two relevant GIS-related electives offered by other departments and faculties with the written approval of the Course Coordinator
  # the 121 subject prefix denotes the subject is offered by the School of Anthropology, Geography and Environmental Studies .

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 requirments **http://www.futurestudents.unimelb.edu.au/int/grad/english-req (http://www.futurestudents.unimelb.edu.au/int/grad/english-req)**
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.
Generic Skills:	-