536-AA Master of Geographic Information Technology

Year and Campus:	2009
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	
Contact:	Department of Geomatics Postgraduate Coordinator Professor Ian Bishop E: idbishop@unimelb.edu.au Faculty of Engineering Manager, Planning & Projects (Academic Programs) Rebecca Randall E: r.randall@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 2009	12.50
451-607 Land Administration (Masters)	Semester 1	12.500
451-608 Spatial Analysis (Masters)	Semester 1	12.500
451-609 Remote Sensing	Semester 2	12.500
451-610 Fundamentals of GIS	Semester 1	12.500
451-611 Spatial Visualisation	Semester 2	12.500
451-612 Research Project GIS	Summer, Semester 1, Semester 2	12.500
451-613 Scripting and Programming in GIS	Semester 2	12.500
451-614 Distributed Spatial Computing	Semester 2	12.500
451-617 Fundamentals of Positioning Technologies	Semester 1	12.500
451-624 Management of GIS	Semester 2	12.500
451-625 Investigative Project	Summer, Semester 1, Semester 2	25.000
451-627 Developing Spatial Data Infrastructure	Semester 2	12.500
451-629 Advanced Topics in GIScience	Not offered 2009	12.500
451-666 Spatial Databases	Semester 1	12.500
451-665 Spatial Visualisation on line	Summer, Semester 2	12.500

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:	4 year degree or 3 year degree and at least 2 years documented industry experience
Core Participation Requirements:	-
Graduate Attributes:	-
Generic Skills:	-