462SG Master of Applied Science (Geographic Information Systems)

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:	150 credit points taken over 18 months full time. This course is available as full or part time.
Coordinator:	Department of Geomatics Postgraduate Coordinator Associate Professor Stephan Winter E:winter@unimelb.edu.au
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Course Overview:	The Master of Applied Science (GIS) 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. The coursework component of this award is the same as for the Master of Geographic Information Technology with the addition of a one semester research component 451-650 Investigative Project (50 points). Students may choose relevant GIS-related electives offered by other departments and faculties with written approval from the Course Coordinator.
Objectives:	-
Course Structure & Available Subjects:	-
Subject Options:	Applicants are required to complete 150 points of study. Normally students take 100 points of coursework and the remainder (50 points) by research. This usually breaks down into two-semesters of coursework and one-semester of research. S ubjects available to candidates in the Master of Applied Science (GIS) are as follows:

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
451-617 Fundamentals of Positioning Technologies	Not offered 2010	

	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
	GEOM90020 Spatial Information Research Project	Summer Term, Semester 1, Semester 2	50
	GEOM90018 Spatial Databases	Semester 1	12.50
	451-665 Spatial Visualisation on Line	Not offered 2010	12.50

Entry Requirements:	There Will be no further entry into this course from 2010.
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:	-
Generic Skills:	-
Notes:	# students will normally take two units (50 points) of the subject 451-612 Research Project for the MAppSc by coursework and four units (100 points) for the MAppSc by research (taking it over the Summer Semester requires the approval of the course coordinator) # students may also choose relevant GIS-related electives (with approval of the course coordinator) taught by other Departments and Faculties # the right is reserved to cancel any postgraduate 600-level subject if insufficient enrolments are received (in which case alternative arrangements will be made to meet student needs)