

462GS 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:	Research Higher Degree
Duration & Credit Points:	Students are expected to complete this research in 1.50 years full time, or equivalent part time. Credit Points: 150
Coordinator:	Department of Geomatics Postgraduate Coordinator Associate Professor Stephan Winter E:winter@unimelb.edu.au
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Course Overview:	This course is normally examined by thesis alone and likely research areas include: land and geographic information systems; design and modelling of spatial information systems; environmental modelling and visualisation; spatial analysis; cadastral systems and land administration; high precision measurement; precise surveillance and monitoring surveys; integrated geodesy and geodetic surveys; analytical photogrammetry and digital mapping; close range and videometric photogrammetry; image analysis and remote sensing; heritage recording; hydrographic surveying; and network adjustments and numerical processes. Students will normally enrol in Research subject 451-602 .
Objectives:	On successful completion of this course, students will have acquired proficiency in: <ul style="list-style-type: none"> # the definition of a research proposal # determining an appropriate research methodology # data analysis and evaluation # appropriate review and evaluation techniques for literature surveys # reporting to an acceptable standard in the form of a thesis embodying the project and its outcomes # understanding the role of research in Geomatic Engineering, as evidenced by the production of a thesis and the fundamental principles underlying the selected study # the technical characteristics of the selected study and technical requirements in carrying out the proposal # sustained original investigation of a defined area of research specialisation
Course Structure & Available Subjects:	-
Subject Options:	Applicant s are required to complete 150 points of study: a minimum of 100 points research (66%) and 50 points coursework (34%). Applicants can elect to take a greater amount of research if desired. Applicants will normally enrol in the research subject 451-605 .
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:	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:	-