462-GS Master of Applied Science (Geographic Information Systems)

Year and Campus:	2008
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:	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: # 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:	The minimum entry requirement is a 4-year undergraduate degree at honours level. Consideration may be given to applicants holding other qualifications and relevant industry experience.
Core Participation Requirements:	-
Graduate Attributes:	-
Generic Skills:	-