

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

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:	<p>Engineering Student Centre Ground Floor, Old Engineering Building The University of Melbourne Victoria 3010 AUSTRALIA</p> <p>Tel: +61 3 8344 6703 Fax: +61 3 9349 2182 Email http://eng-unimelb.custhelp.com (http://eng-unimelb.custhelp.com/)</p>
Course Overview:	<p>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 .</p>
Objectives:	<p>On successful completion of this course, students will have acquired proficiency in:</p> <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:	<p>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 .</p>
Entry Requirements:	<p>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.</p>
Core Participation Requirements:	-
Graduate Attributes:	-
Generic Skills:	-