GEOM90010 Spatial Information Research Project A

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2011.
Time Commitment:	Contact Hours: Contact hours with academic supervisors on request. Total Time Commitment: 120 hours
Prerequisites:	Prerequisites listed below (or equivalent). The project can only be taken if the supervisors are satisfied that the completed subjects provide sufficient knowledge in the topic area.

Subject	Study Period Commencement:	Credit Points:
ISYS90031 Research Methods in Information Systems	Not offered 2011	12.50
ABPL90070 Research Methods (Masters)	Not offered 2011	12.50

Corequisites:	None
Recommended Background Knowledge:	Students should have some background knowledge of individual project work and report writing from breadth or capstone subjects.
Non Allowed Subjects:	As below -

Subject	Study Period Commencement:	Credit Points:
GEOM90020 Spatial Information Research Project	Not offered 2011	50
GEOM90013 Spatial Information Research Project C	Not offered 2011	25
GEOM90031 Spatial Information Research Project D	Not offered 2011	25
GEOM90023 Spatial Information Research Project B	Not offered 2011	37.50

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/
Contact:	**winter@unimelb.edu.au (mailto:winter@unimelb.edu.au)**
Subject Overview:	The Spatial Information Research Project is a 50-point individual research project under academic supervision. Reflecting the interdisciplinary character of the course, the student must find two supervisors; one from Geomatics. The project will culminate in a thesis and a poster presentation. Furthermore, pending the approval of both of their supervisors, students can stretch the research project over two consecutive semesters, for example by combining this Spatial Information Research Project A (12.5 points) with a Spatial Information Research Project B (37.5 points). This avenue shall particularly facilitate some flexibility in the choice of electives that are offered in particular semesters only, however, the approval is completely at the discretion of the supervisors. A project stretched over two semesters is still assessed as a whole at the end of the second component. The thesis and poster presentation have to cover the whole project.
Objectives:	On successful completion students will have the ability to: # Define a research project in their subject matter # Develop an approach in order to run a research project in their subject matter

	# Use and develop associated technologies to according to their chosen methodology # Interpret and discuss experimental results with respect to a hypothesis
Assessment:	A project stretched over two semesters is still assessed as a whole at the end of the second component. If this is the second component, then the following applies at the end of the semester. The research project (as a whole) culminates in a thesis, reporting about the addressed research problem, approach, results, and conclusions. The thesis will be assessed by two examiners,both possibly supervisors. At the beginning of the project the supervisor(s) will discuss with the student their expectations on a page or word limit on an individual basis, due to the variety of thecharacters of research projects in spatial information such as fieldwork, programming, or literature review. Additionally the project outcomes will be presented at a joint poster session. The total mark consists of a 60% component for the report and a 40% component for the poster, the latter assessed in peer review. The total workload of a Spatial Information Research Project is 480 hours.
Prescribed Texts:	None
Recommended Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	On successful completion students should have: # Ability to apply knowledge of science and engineering fundamentals # Ability to undertake problem identification, formulation, and solution # Ability to conduct an engineering project # Capacity for creativity and innovation # Capacity for lifelong learning and professional development
Related Course(s):	Master of Geographic Information Technology Master of Spatial Information Science