AGRI90073 Applications for Spatial Information

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2012.
Time Commitment:	Contact Hours: 40 hours Total Time Commitment: 100 hours
Prerequisites:	Or approval from the subject coordinator

Subject	Study Period Commencement:	Credit Points:
GEOM90008 Foundations of Spatial Information	Semester 1	12.50

Corequisites:	N/A
Recommended Background Knowledge:	Students will need to acquaint themselves with project management techniques, scientific communication strategies (written and verbal) and various techniques of resource assessment.
Non Allowed Subjects:	N/A
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:	**Melbourne School of Land & Environment Student Centre** Ground Floor, Land & Food Resources (building 142) *Enquiries* Phone: 13 MELB (13 6352) Email: **13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)**
Subject Overview:	The subject will demonstrate the application of spatial information in a project-based learning experience. The context for applications is given by the land and environmental management tasks at Dookie and Creswick campus. Students will run a semester-long project in teams, with intensive workshops at the beginning and, for presentations, at the end. The subject will allow students to explore real problems. The project will be structured to emphasize ecological, social, spatial, temporal and economic interactions, and to provide opportunities to explore the ways spatial data can support the observation and management of these interactions. Groups will be allocated one of the University of Melbourne's properties (Parkville, Creswick, and Dookie), public lands closer to Melbourne, or private properties where appropriate access can be arranged. These locations will be used as study sites for the group's project.
Objectives:	On successful completion, students should have gained: # an ability to design and run a spatial information project, including a proposal, a benefit-cost analysis and a realisation; # practical experience with spatial data collection, management, analysis and communication procedures for decision support; # practical skills in the integration of spatial information: data, software, hardware.
Assessment:	Intermediate presentation of proposal and benefit-cost analysis (30%), final presentation of project outcomes (30%), documentation of project outcomes of not more than 10000 words (40%) – all in group work.
Prescribed Texts:	N/A

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 gained: # an ability to approach and solve a task goal-oriented in a team of people with a diversity of backgrounds and skills; # present findings in reports and talks; # critically assessing methods and evidence; # a capacity for rational inquiry and critical assessment of the own project results.
Related Course(s):	Master of Geographic Information Technology Master of Spatial Information Science