

208-249 Landscape Information Systems

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: Twenty-four hours of lectures and 24 hours of tutorials/workshops Total Time Commitment: Not available
Prerequisites:	208-152 Agricultural Technology
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Dr Graham Ian Brodie
Subject Overview:	<p>This subject should provide students with an understanding of the principles associated with the acquisition, storage and interpretation of spatial and temporal data associated with landscapes, ranging from sub-paddock to catchment scale.</p> <p>The subject will introduce students to: mapping techniques, global positioning systems, automatic data acquisition, passive and active remote sensing technologies and Geographic information systems (GIS).</p> <p>On completion of this subject the students should be able to:</p> <ul style="list-style-type: none"> # describe the major techniques available for capturing data associated with land and biological resources; # observe, sample and record data in field situations; # interpret results using appropriate tools and techniques; and # understand how to apply them in a landscape management context.
Assessment:	A 3-hour examination (50%), equivalent to two 2500-word assignments (20% each) and practical assignments (worth a total of 10%).
Prescribed Texts:	None
Recommended Texts:	Information Not Available
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2009/D09) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2009/F04)

	<p># Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04)</p> <p># Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05)</p> <p>You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Information Not Available
Notes:	NOT OFFERED IN 2008. Students repeating this subject must undertake one of the other electives.
Related Course(s):	Associate Degree in Agriculture Bachelor of Agriculture