

208-127 Data & Decisions

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus. Block teaching at Dookie campus
Time Commitment:	Contact Hours: 40 hours of contact during block sessions Total Time Commitment: 100 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. This course requires all students to enrol in subjects where they must actively and safely contribute to field excursions and laboratory activities. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Subject Coordinator and Disability Liaison Unit (8344 7068 or DLU-enquiries@unimelb.edu.au).
Coordinator:	Roger Wrigley & Graham Brodie
Subject Overview:	<p>The collection and evaluation of technical information is essential for farm planning, precision agriculture, post harvest storage, product processing, transport, and marketing of commodities and processed goods. Success depends upon the selection of appropriate tools for the measurement, collection, storage and retrieval of data as well as techniques for evaluating this information and putting it into context.</p> <p>Subject content:</p> <ul style="list-style-type: none"> • measurement of parameters • determination of accuracy • understanding spatial and temporal information • determining data reliability • methods of data collection, storage and retrieval • principles of data-logging • analysis of data in order to reduce its complexity and achieve simpler outcomes • presentation and evaluation of data for decision-support • understanding the role of technical information in analysis and decision making, including triple-bottom-line assessment and maintenance of the balance between resource utilization and conservation
Assessment:	This subject will be assessed by Project based assignments (50%) and a 3-hour examination (50%)
Prescribed 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:	Problem solving, Data management, Critical thinking, Communication, IT skills
Links to further information:	http://www.landfood.unimelb.edu.au/getting_started/index.html

Related Course(s):	Bachelor of Agriculture
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