

## 202-304 Agricultural Systems Analysis

<b>Credit Points:</b>	12.500
<b>Level:</b>	Undergraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: Twenty-four hours of lectures/tutorials, and up to 36 hours practical work Total Time Commitment: Not available
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;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.&lt;/p&gt;         &lt;p&gt;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: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Coordinator:</b>	Prof David Chapman
<b>Subject Overview:</b>	<p>On completion of this subject, students should have gained:</p> <ul style="list-style-type: none"> <li># a basic understanding of systems theory and practice;</li> <li># experience in practical situation analysis and skills in problem solving, in 'real world' settings;</li> <li># recognition of the importance of adult learning and decision-making processes in the management of agricultural businesses and natural resources;</li> <li># an understanding of the way technology is adopted in the management of agricultural businesses and natural resources; and</li> <li># the opportunity to apply knowledge gained earlier in their course to the solution of practical problems.</li> </ul> <p>Students will carry out six case study analyses during the semester. Each case study addresses an aspect of systems analysis and management, and is based on a commercial farm or resource management business. Case study analysis will require students to clearly identify the problem to be solved and the context for problem solving (including business and personal goals of the owners and their approach to management and decision making), analyse options for solving the problems and meeting goals, and communicate their findings to the 'client'. Case study visits are supplemented by lectures and tutorials that develop the theory and practice of systems analysis and thinking. The subject integrates traditional biophysical science disciplines, economics, and human systems elements. It is designed to enable students to work effectively with the owners and managers of resource management and agricultural businesses in bringing about change in their business.</p>
<b>Assessment:</b>	Six case study reports, each of 1500-2000 words and worth 15-20% of total marks.

<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	Information Not Available
<b>Breadth Options:</b>	<p>This subject is a level 2 or level 3 subject and is not available to new generation degree students as a breadth option in 2008.</p> <p>This subject or an equivalent will be available as breadth in the future.</p> <p>Breadth subjects are currently being developed and these existing subject details can be used as guide to the type of options that might be available.</p> <p>2009 subjects to be offered as breadth will be finalised before re-enrolment for 2009 starts in early October.</p>
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	Information Not Available
<b>Related Course(s):</b>	<p>Bachelor of Agricultural Science</p> <p>Bachelor of Agricultural Science</p> <p>Bachelor of Agricultural Science (Honours)</p>