

208-303 Animal Production Systems

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Total Time Commitment: Not available
Prerequisites:	208-207 Animal Management and Production and 208-203 Ecology and Management of Grazing Systems
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:	Prof David Chapman
Subject Overview:	<p>On completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> # identify the factors that drive animal production, for a range of animal industries; # analyse animal production systems in terms of their biological efficiency, and identify ways of improving their efficiency; # apply scientific principles of growth, reproduction and breeding of animals to the design and management of livestock production systems; and # apply skills in problem solving to practical situations. <p>This subject uses a problem-based learning approach to develop skills and knowledge in the design and management of efficient animal production systems. Generic content of the subject is covered in lectures and includes: applied animal nutrition, including cost-effective feeding practices for both intensive and extensive animal industries; reproductive management and its importance in determining animal and farm productivity; the role of genetics and its interaction with other components of the animal production system; effects of management inputs on animal product quality; and risk management strategies for sustainable livestock production. This knowledge is developed within the context of selected livestock industries by way of practical assignments which present real-life problems, opportunities or issues for students to address.</p>
Assessment:	Three-hour examination (50%), plus assignments submitted during semester, totalling 5000 words.
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) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05) <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:	This subject may involve the use of animals. Students should be aware that this is an essential part of the course and exemption from this component is not possible.
Related Course(s):	Bachelor of Agricultural Science Bachelor of Agricultural Science Bachelor of Animal Science and Management Graduate Diploma in Agricultural Science