

## 208-263 Animal Science and Nutrition

<b>Credit Points:</b>	12.50
<b>Level:</b>	2 (Undergraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: Thirty-six hours of lectures and 36 hours of practicals/tutorials Total Time Commitment: Not available
<b>Prerequisites:</b>	202-154 Introductory Biology for Land and Food
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	Students undertaking this subject will be expected to regularly access an internet-enabled computer
<b>Coordinator:</b>	Dr Sarah Chaplin
<b>Subject Overview:</b>	<p>The subject provides students with a sound knowledge base for decision making in relation to the management of health, nutrition and breeding programs and covers the production of high quality animal products through the use of specialised intensive and semi-intensive systems. The subject will focus on ruminant species but students will be given the opportunity to develop knowledge of other farmed species.</p> <p>The subject is divided into five main areas:</p> <ul style="list-style-type: none"> <li># animal products: factors influencing quality of meat, wool, dairy products;</li> <li># reproduction: enhancement of fertility and challenges to fertility in modern production systems;</li> <li># nutrition: systems for matching feeds to animal requirements, ration formulation, intensive feeding systems;</li> <li># health and welfare: prevention and control programs at farm and national levels; cost of disease; and</li> <li># animal improvement: economically important traits and their inheritance; breeding programs; genetic modification in animal production.</li> </ul>
<b>Objectives:</b>	This subject will provide students with a sound knowledge base for decision making in relation to the management of health, nutrition and breeding programs
<b>Assessment:</b>	Three written reports (60%); a 2-hour end-of-semester examination (40%)
<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	Information Not Available
<b>Breadth Options:</b>	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> <li># <b>Bachelor of Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2009/D09">https://handbook.unimelb.edu.au/view/2009/D09</a>)</li> <li># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2009/F04">https://handbook.unimelb.edu.au/view/2009/F04</a>)</li> <li># <b>Bachelor of Environments</b> (<a href="https://handbook.unimelb.edu.au/view/2009/A04">https://handbook.unimelb.edu.au/view/2009/A04</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2009/M05">https://handbook.unimelb.edu.au/view/2009/M05</a>)</li> </ul>

	You should visit <b>learn more about breadth subjects</b> ( <a href="http://breadth.unimelb.edu.au/breadth/info/index.html">http://breadth.unimelb.edu.au/breadth/info/index.html</a> ) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
<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>	On completion of this subject students should have: <ul style="list-style-type: none"> <li># capacity to articulate knowledge and understanding in oral and written presentations and to allow informed dialogue with individuals and groups from industry, government and the community</li> </ul>
<b>Related Course(s):</b>	Associate Degree in Agriculture Bachelor of Agriculture Bachelor of Agriculture