

## 208-612 Animal Metabolism & Nutrition

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: April, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 24 hours of lectures and 24 hours of practical class (4 hours per week) Total Time Commitment: Not available
<b>Prerequisites:</b>	Eligibility for honours or postgraduate degree
<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>	Assoc Prof Julian Hill
<b>Subject Overview:</b>	<p>The subject will examine the interrelationships between nutrient supply, release, absorption and post-absorptive effects. The major areas of interest will focus on energy and protein partitioning at a cellular, tissue, organ and whole body level. The subject will also introduce and evaluate proteomics and metabolomic systems as a method to evaluate nutrient partition.</p> <p>The aims of this subject are to develop an in depth understanding of the inter-relationships between nutrient supply, release, absorption and post-absorptive effect by integration of laboratory and field practicals with theory based in lectures. Computer aided learning and modelling exercises will be also be used.</p>
<b>Assessment:</b>	Written work (literature review and lab practicals) totalling 5000 words (75% of final mark) – by week 10, one 30 minute seminar with 10 mins open discussion based on lab practicals followed by a 10 minute closed oral examination (25% of total marks) – week 12
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<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>Related Course(s):</b>	Master of Agricultural Science Master of Animal Science Postgraduate Diploma in Agricultural Science Postgraduate Diploma in Animal Science and Management