

## DASC90005 Animal Metabolism & Nutrition

<b>Credit Points:</b>	12.5
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	This subject is not offered in 2015.
<b>Time Commitment:</b>	Contact Hours: 24 hours of lectures and 24 hours of practical class (4 hours per week) Total Time Commitment: 170 hours
<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>Contact:</b>	<p><b>Faculty of Veterinary and Agricultural Science</b>            Building 142  <i>Enquiries</i>            Phone: 13 MELB (13 6352)            Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> (<a href="mailto:13MELB@unimelb.edu.au">mailto:13MELB@unimelb.edu.au</a>)</p>
<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>Learning Outcomes:</b>	Information Not Available
<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>	Information Not Available
<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>Generic Skills:</b>	Information Not Available
<b>Notes:</b>	<b>Q Fever</b>

	<p>Students enrolling in this subject are advised that some courses of study may put them at an increased risk of contracting Q Fever. Q Fever is a relatively common preventable condition which, while rarely fatal, can cause a severe acute illness and can result in damage to heart valves and chronic fatigue. It is recommended that students consider undertaking screening and vaccination for Q Fever prior to commencement of study. Students may be required to provide proof of vaccination prior to undertaking some coursework. Your course coordinator will advise you of this requirement prior to commencement of the study semester. Vaccine costs for students are not covered by the Pharmaceutical Benefit Scheme, Medicare, or by the University. Some students with full private medical coverage (which has hospital and ancillary cover) may receive partial re-imbusement for vaccine costs.</p>
<b>Related Majors/Minors/ Specialisations:</b>	Honours Program - Animal Science and Management