

# DASC30005 Applied Animal Behaviour

Credit Points:	12.5																				
Level:	3 (Undergraduate)																				
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.																				
Time Commitment:	Contact Hours: Twenty-four hours lectures, up to 12 hours tutorials and 12 hours practicals to be undertaken at Parkville and off-site Total Time Commitment: 170 hours.																				
Prerequisites:	One physiology subject at Level 2 such as: <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>DASC20010 Applied Animal Physiology</td><td>Semester 2</td><td>12.50</td></tr><tr><td>ZOOL20006 Comparative Animal Physiology</td><td>Semester 2</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	DASC20010 Applied Animal Physiology	Semester 2	12.50	ZOOL20006 Comparative Animal Physiology	Semester 2	12.50									
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DASC20010 Applied Animal Physiology	Semester 2	12.50																			
ZOOL20006 Comparative Animal Physiology	Semester 2	12.50																			
Corequisites:	None																				
Recommended Background Knowledge:	Recommended Background Knowledge: <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>DASC20012 Comparative Nutrition and Digestion</td><td>Semester 1</td><td>12.50</td></tr><tr><td>DASC20010 Applied Animal Physiology</td><td>Semester 2</td><td>12.50</td></tr><tr><td>DASC20011 Companion Animal Biology</td><td>Semester 1</td><td>12.50</td></tr><tr><td>DASC20013 Topics in Animal Health</td><td>Semester 2</td><td>12.50</td></tr><tr><td>ECOL20003 Ecology</td><td>Semester 2</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	DASC20012 Comparative Nutrition and Digestion	Semester 1	12.50	DASC20010 Applied Animal Physiology	Semester 2	12.50	DASC20011 Companion Animal Biology	Semester 1	12.50	DASC20013 Topics in Animal Health	Semester 2	12.50	ECOL20003 Ecology	Semester 2	12.50
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Non Allowed Subjects:	None																				
Core Participation Requirements:	<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>																				
Coordinator:	Prof Paul Hemsworth																				
Contact:	Email: <a href="mailto:pjh@unimelb.edu.au">pjh@unimelb.edu.au</a> ( <a href="mailto:pjh@unimelb.edu.au">mailto:pjh@unimelb.edu.au</a> )																				
Subject Overview:	This subject allows students to examine the behaviour of farm, companion and laboratory animals and highlights the processes and factors involved in cause and effect manipulating behavioural functionality. The subject will train students to describe, record and measure behaviour, examine the development of behaviour in a range of species; examine the effects of stimuli and communications; motivation, decision making, learning and memory; genetic																				

	<p>and hormonal basis of behaviour; organisation, social, sexual, maternal, and dam-neonate interactions.</p> <p>Topics covered include:</p> <ul style="list-style-type: none"> <li># Describing, recording and measuring behaviour; development of behaviour</li> <li># Stimuli and communication</li> <li># Motivation and decision making</li> <li># Learning and memory</li> <li># Genetic influences on behaviour</li> <li># Hormonal influences on behaviour</li> <li># Organisation of behaviour</li> <li># Social behaviour; sexual behaviour</li> <li># Maternal behaviour and dam-neonate interactions; and behavioural problems</li> </ul>
<b>Learning Outcomes:</b>	<p>On completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> <li># Demonstrate a thorough understanding of animal behaviour, and identify factors that are essential in the humane care and efficient management of these domestic animals</li> <li># Describe and examine the behaviour of farm, companion and laboratory animals</li> <li># Demonstrate our understanding of the causation and function of behaviour</li> </ul>
<b>Assessment:</b>	Up to two written assignments of not more than 1000 words each due in approximately Week 6 and Week 10 worth 50% in total Two-hour end-of-semester exam which may include essay and short-answer sections worth 50%
<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	<ul style="list-style-type: none"> <li># <b>Domestic Animal Behaviour and Welfare</b> (D M Broom and A F Fraser), 4th edition CAB 2007</li> <li># <b>The Ethology of Domestic Animals. An Introductory Text.</b> (P. Jensen), 2nd Edition CAB 2009</li> <li># <b>An Introduction to Animal Behaviour</b> (A Manning and M S Dawkins), 6th edition Cambridge University Press 2012</li> </ul>
<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/2016/B-ARTS">https://handbook.unimelb.edu.au/view/2016/B-ARTS</a>)</li> <li># <b>Bachelor of Environments</b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-ENVS">https://handbook.unimelb.edu.au/view/2016/B-ENVS</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2016/B-MUS">https://handbook.unimelb.edu.au/view/2016/B-MUS</a>)</li> </ul> <p>You should visit <a href="http://breadth.unimelb.edu.au/breadth/info/index.html">learn more about breadth subjects (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.</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>	<p>On completion of the subject the students should have developed the following generic skills:</p> <ul style="list-style-type: none"> <li># Academic excellence</li> <li># Greater in-depth understanding of scientific disciplines of animal behaviour and its application to the humane care and efficient management of farm and companion animals</li> <li># The student's flexibility and level of transferable skills should be enhanced through improved time management and enhanced ability to communicate their ideas effectively in both written and verbal formats</li> </ul>
<b>Notes:</b>	This subject involves 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.
<b>Related Majors/Minors/Specialisations:</b>	<p>Animal Disease Biotechnology (specialisation of Animal Health and Disease major)</p> <p>Animal Science and Management</p> <p>Science-credited subjects - new generation B-SCI and B-ENG.</p>

## Selective subjects for B-BMED