

# VETS70013 Animal Management and Veterinary Health

<b>Credit Points:</b>	12.50																		
<b>Level:</b>	7 (Graduate/Postgraduate)																		
<b>Dates &amp; Locations:</b>	This subject is not offered in 2014.																		
<b>Time Commitment:</b>	Contact Hours: 72 Total Time Commitment: 120 hours																		
<b>Prerequisites:</b>	<p>Admission into the Doctor of Veterinary Medicine.</p> <p>Completion of an approved five day residential course in animal handling, environmental safety and management (may be undertaken concurrently).</p> <p>Plus</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS20014 Foundations of Animal Health 1</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>VETS20015 Foundations of Animal Health 2</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus one of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BCMB20002 Biochemistry and Molecular Biology</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>BIOM20001 Molecular and Cellular Biomedicine</td> <td>Semester 1</td> <td>25</td> </tr> </tbody> </table> <p>Subject prerequisites may not be taken concurrently.</p>	Subject	Study Period Commencement:	Credit Points:	VETS20014 Foundations of Animal Health 1	Semester 1	12.50	VETS20015 Foundations of Animal Health 2	Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	BCMB20002 Biochemistry and Molecular Biology	Semester 1, Semester 2	12.50	BIOM20001 Molecular and Cellular Biomedicine	Semester 1	25
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<b>Corequisites:</b>	<p>One of the following subjects (as advised by the Faculty of Veterinary Science):</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS70003 Veterinary Bioscience 1</td> <td>Year Long, Semester 2</td> <td>62.50</td> </tr> <tr> <td>VETS70012 Principles of Veterinary Bioscience 1</td> <td>Year Long</td> <td>50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	VETS70003 Veterinary Bioscience 1	Year Long, Semester 2	62.50	VETS70012 Principles of Veterinary Bioscience 1	Year Long	50									
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<b>Recommended Background Knowledge:</b>	This course assumes prior knowledge in one or more disciplines of science. All students will be expected to be familiar with the principles of scientific thinking, hypothesis development, experimental design and data collection, analysis and interpretation.																		
<b>Non Allowed Subjects:</b>	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS70006 Applications in Animal Health 1</td> <td>Year Long, Semester 2</td> <td>37.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	VETS70006 Applications in Animal Health 1	Year Long, Semester 2	37.50												
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<b>Core Participation Requirements:</b>	Students should refer to the Core Participation Requirements statement for the Doctor of Veterinary Medicine: <a href="http://www.vet.unimelb.edu.au/docs/CoreParticipationReqs.pdf">http://www.vet.unimelb.edu.au/docs/CoreParticipationReqs.pdf</a>																		
<b>Contact:</b>	Email: <a href="mailto:srbarber@unimelb.edu.au">srbarber@unimelb.edu.au</a> (mailto:srbarber@unimelb.edu.au)																		
<b>Subject Overview:</b>	This subject examines the major animal production systems in Australia, with a particular focus on the impact of management practices on the health and welfare of animal populations. Students will develop and appreciation of the economic drivers of these industries, measures of productivity utilised within these industries, and the role of the veterinary profession in ensuring the health and well being of animals.																		

<b>Learning Outcomes:</b>	This subject aims to equip students with a sound understanding of animal management practices in the major animal industries in which veterinarians are employed, and an understanding of the impact management practices on the health and well being of animals.
<b>Assessment:</b>	One 2-hour examination at the end of semester 2 (60%) Three intra-semester tests of less than one hour's duration (8.33% each; total = 25%) Satisfactory completion of two weeks of industry based placement in a rural enterprise, or two weeks of placement in an animal shelter or zoo (hurdle requirement). Approved placements may be local, regional, interstate or international. Written report for each week of industry placement that demonstrates capacity to integrate concepts introduced in different units within the course and apply an understanding of determinants of health to the context of a specific industry (15%)
<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>Generic Skills:</b>	<ul style="list-style-type: none"> <li># Have a broad knowledge of science across a range of fields, with an in-depth understanding in one scientific discipline</li> <li># Understand the scientific method and the history and evolution of scientific concepts</li> <li># Be intellectually curious and apply a rigorous, critical and logical approach to enquiry</li> <li># Be able to communicate ideas effectively in both written and verbal formats to both specialists and non-specialists</li> <li># Reach a high level of achievement in writing, generic research activities, problem solving and communication</li> </ul>
<b>Related Course(s):</b>	Doctor of Veterinary Medicine