

# VETS30013 Animal Health in Production Systems

<b>Credit Points:</b>	12.50																		
<b>Level:</b>	3 (Undergraduate)																		
<b>Dates &amp; Locations:</b>	This subject is not offered in 2014.																		
<b>Time Commitment:</b>	Contact Hours: 72 Total Time Commitment: 200 hours																		
<b>Prerequisites:</b>	<p>Enrolment in this subject requires permission from the Faculty of Veterinary Science. Students must have successfully completed the following subjects:</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>and <b>ONE OF</b> the following two subjects:</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>In addition, the completion of an approved five day residential course in animal handling, environmental safety and management (may be undertaken 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
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																	
<b>Corequisites:</b>	<p>Students must enrol in the following subjects:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS30014 Veterinary Bioscience: Cardiovasc System</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>VETS30018 Veterinary Bioscience:Respiratory System</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	VETS30014 Veterinary Bioscience: Cardiovasc System	Semester 2	12.50	VETS30018 Veterinary Bioscience:Respiratory System	Semester 2	12.50									
Subject	Study Period Commencement:	Credit Points:																	
VETS30014 Veterinary Bioscience: Cardiovasc System	Semester 2	12.50																	
VETS30018 Veterinary Bioscience:Respiratory System	Semester 2	12.50																	
<b>Recommended Background Knowledge:</b>	None																		
<b>Non Allowed Subjects:</b>	None																		
<b>Core Participation Requirements:</b>	Students should refer to the Core Participation Requirements statement for the Bachelor of Science (Veterinary Bioscience specialisation of the Animal Health and Disease major) and 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 an 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 of management practices on the health and well being of animals. Students to complete 2 weeks of extramural work while enrolled in this subject.
<b>Assessment:</b>	A 2-hour end-of-semester examination (70%) Three intra-semester tests of less than one hour duration (3 x 10% each, total 30%) The successful completion of a two-week industry placement is a hurdle requirement for this subject. Approved placements may be local, regional, interstate or international. Students must complete a brief written (one page) summary of each extramural placement they visit.
<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>	Doctor of Veterinary Medicine
<b>Related Majors/Minors/ Specialisations:</b>	Science-credited subjects - new generation B-SCI and B-ENG. Veterinary Bioscience (specialisation of Animal Health and Disease major)