

VETS20018 Principles of Production Animal Health 2

Credit Points:	12.50																	
Level:	2 (Undergraduate)																	
Dates & Locations:	This subject is not offered in 2014.																	
Time Commitment:	Contact Hours: 3 hours of lectures per week, 2 hours of workshops/case studies/practicals every second week, a mid-semester exam and an additional 3-hour practical session at the Werribee campus. A two day residential intensive at Dookie campus (approximately 16 hours) held during the intra-semester break. Total 69 contact hours. Total Time Commitment: Approximately 120 hours																	
Prerequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS10024 Animals in Extensive Production Systems</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>VETS10025 Animals in Intensive Production Systems</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>VETS20017 Principles of Production Animal Health 1</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>VETS20016 Biochemistry in Animal Systems</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	VETS10024 Animals in Extensive Production Systems	Semester 1	12.50	VETS10025 Animals in Intensive Production Systems	Semester 2	12.50	VETS20017 Principles of Production Animal Health 1	Semester 1	12.50	VETS20016 Biochemistry in Animal Systems	Semester 1	12.50
Subject	Study Period Commencement:	Credit Points:																
VETS10024 Animals in Extensive Production Systems	Semester 1	12.50																
VETS10025 Animals in Intensive Production Systems	Semester 2	12.50																
VETS20017 Principles of Production Animal Health 1	Semester 1	12.50																
VETS20016 Biochemistry in Animal Systems	Semester 1	12.50																
Corequisites:	None.																	
Recommended Background Knowledge:	None.																	
Non Allowed Subjects:	None.																	
Core Participation Requirements:	<p><p>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.</p> <p>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: http://services.unimelb.edu.au/disability</p> </p>																	
Contact:	Email: fsansom@unimelb.edu.au (mailto:fsansom@unimelb.edu.au)																	
Subject Overview:	<p>This subject builds on the knowledge and skills developed in <i>VETS20017 Principles of Production Animal Health 1</i>. In this subject, students will further develop their understanding of the major factors influencing the health of production animals. Students will learn more details about specific pathogens that can infect the major production animal species in Australia. The principles of public health, with particular reference to zoonotic diseases of concern in production animal systems, will also be introduced. Students can then integrate this knowledge with their previous knowledge from <i>VETS20017 Principles of Production Animal Health 1</i> to explain in more depth how management factors can influence the development of disease in production animals, and how the type of production system can alter the risk of disease.</p> <p>This subject includes a 2 day residential at the Dookie campus which will occur during the intra-semester break.</p>																	
Learning Outcomes:	<p>On completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> # Describe the different factors that can cause disease in all production animals # Understand the multi-factorial nature of disease 																	

	<ul style="list-style-type: none"> # Describe the major infectious diseases of concern in the major production animal species in Australia # Develop practical skills in parasitology, specifically faecal egg counts for sheep # Understand the basic principles of veterinary public health and how it relates to production animal systems # List the major diseases of zoonotic concern in production animal systems and describe how the risk to humans can be managed # Understand how management practices contribute to the risk of disease and to optimising the health of production animals # Understand the basic principles of epidemiology and population health # Be able to assess the overall health status of production animals
Assessment:	Short assessments based on case studies/workshops/practicals. Submitted online and due during the semester (20%) A 1-hour written examination held mid-semester (30%) A 2-hour written examination in the examination period (50%) Attendance and participation at the two-day Dookie intensive (Hurdle) A pass in the practical animal-handling examination conducted during semester, at the end of the Werribee practical session (Hurdle)
Prescribed Texts:	None.
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>Students should develop generic skills in:</p> <ul style="list-style-type: none"> # Working effectively in small groups # Problem solving # Critical assessment and assimilation of new knowledge in order to apply their skills to solve problems in a 'real-world' context # Accessing information and discerning the quality and relevance of that information
Related Majors/Minors/Specialisations:	Production Animal Health