

## VETS50012 Disease Investigation at Farm Level

<b>Credit Points:</b>	12.50															
<b>Level:</b>	5 (Graduate/Postgraduate)															
<b>Dates &amp; Locations:</b>	This subject is not offered in 2011. This subject is delivered on-line.															
<b>Time Commitment:</b>	Contact Hours: Approximately 10-14 hours per week over an 8-week period Total Time Commitment: Approximately 112 hours per semester															
<b>Prerequisites:</b>	<p>The following subjects are prerequisites:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS50003 Selection &amp; Interpretation of Lab Tests</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>VETS50004 Communication in Disease Emergencies</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>VETS50005 Management in Disease Emergencies</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>VETS50006 Epidemiology of Epidemics</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	VETS50003 Selection & Interpretation of Lab Tests	Semester 1	12.50	VETS50004 Communication in Disease Emergencies	Semester 1	12.50	VETS50005 Management in Disease Emergencies	Semester 2	12.50	VETS50006 Epidemiology of Epidemics	Semester 2	12.50
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<b>Corequisites:</b>	None															
<b>Recommended Background Knowledge:</b>	Information learned in the prior modules of this course															
<b>Non Allowed Subjects:</b>	None															
<b>Core Participation Requirements:</b>	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 will impact on their academic performance are encouraged to discuss this matter with the Subject Coordinator and the Disability Liaison Unit.															
<b>Contact:</b>	<p>Stephanie Morrison-Duff            Research and Graduate Studies Manager            Faculty of Veterinary Science            University of Melbourne            Victoria 3010            +61 (0)3 8344 0357  <a href="mailto:smd@unimelb.edu.au">smd@unimelb.edu.au</a> (<a href="mailto:smd@unimelb.edu.au">mailto:smd@unimelb.edu.au</a>)  <a href="http://www.vet.unimelb.edu.au/">http://www.vet.unimelb.edu.au/</a> (<a href="http://www.vet.unimelb.edu.au/">http://www.vet.unimelb.edu.au/</a>)</p>															
<b>Subject Overview:</b>	<p>Correctly identifying an emergency animal disease on the farm, interpreting the circumstances precipitating its appearance, and devising immediate control measures in anticipation of a larger campaign, lie at the heart of a response.</p> <p>Lectures, tutorials, and a practical exercise will train students in ascertaining and recording epidemiological history, clinical details and the performance of a post mortem examination. These will form the background to designing an immediate on-farm response.</p>															
<b>Objectives:</b>	<p>On completion of this subject, students will have gained:</p> <ul style="list-style-type: none"> <li>• detailed knowledge of history-taking, clinical examination, post-mortem examination and sampling needed at farm level where an EAD is suspected;</li> <li>• understanding of environmental and management factors as they impact on disease dynamics; and</li> <li>• knowledge of risk-factor analysis as it applies to the design of a disease response at farm level.</li> </ul>															
<b>Assessment:</b>	<p>Students will be assessed on participation in on-line forums, an on-line quiz in week 5, a practical exercise in week 7 and a written exam in weeks 9 and 10. You will need to identify a university near you where you can be supervised to take the written exam. The assessment components of this subject are: Participation in on-line forums (5%) On-line quiz (10%) Practical exercise (20%) Written 2-hour exam (60%)</p>															

<b>Prescribed Texts:</b>	Students will use a reading list of scientific articles from the current literature, which will be provided on-line.
<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>	On completion of this subject, students should have developed their: <ul style="list-style-type: none"><li>• problem-solving and analytical skills; and</li><li>• integration of knowledge from various sources.</li></ul>
<b>Notes:</b>	Reliable internet access with at least a medium speed connection and a personal computer are essential for undertaking this online program. The content is accessed through your web browser. Microsoft Office™ and Adobe Acrobat Reader or equivalent software packages are necessary for assessment tasks, assignments and some class exercises.
<b>Related Course(s):</b>	Master of Veterinary Public Health (Emergency Animal Diseases)