

## 250-646 Microbiology & Serology: disease control

<b>Credit Points:</b>	25.000
<b>Level:</b>	Graduate/Postgraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. Online
<b>Time Commitment:</b>	Total Time Commitment: Not available
<b>Prerequisites:</b>	<b><u>250-500- Poultry Industry Fieldwork (/view/2008/250-501)</u></b> <b><u>250-501 Poultry Pathology and Diagnosis of Disease (/view/2008/250-501)</u></b>
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<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>
<b>Coordinator:</b>	Dr Trevor Bagust
<b>Subject Overview:</b>	The interaction of the host, pathogen and the environment will be focused on in Unit 3 to help the student appreciate the causative factors of disease and later, how to control the development of disease in a poultry flock. Students will gain a solid understanding of the disciplines of Microbiology and Serology and the appropriate use and interpretation of laboratory tests through performing and interpreting 'virtual tests'.
<b>Assessment:</b>	Monthly assessment tests (15%) Assignments (20%) Group Reports and Bulletin Board Contributions (5%) Final Examination (60%)
<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># Understanding the potential interactions of pathogen, host and environment.</li> <li># Developing a sound working knowledge of how to perform, use and interpret microbiological and serological laboratory tests and use them most cost-effectively.</li> <li># Assimilate for each of the major poultry pathogens, knowledge on transmission patterns and apply this in the design of site biosecurity and pathogen-specific control programs.</li> <li># A sound appreciation of epidemiology (theory and applications) which is most relevant to poultry industry programs of disease eradication and surveillance.</li> </ul>
<b>Links to further information:</b>	<a href="http://www.avianhealthonline.vet.unimelb.edu.au/courseinfo.htm">http://www.avianhealthonline.vet.unimelb.edu.au/courseinfo.htm</a>
<b>Related Course(s):</b>	Master of Avian Health & Medicine