

## 250-214 Veterinary Pathology A

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| <b>Credit Points:</b>                    | 6.250  |
| <b>Level:</b>                            | Undergraduate  |
| <b>Dates &amp; Locations:</b>            | 2008,<br>This subject commences in the following study period/s:<br>Semester 1, - Taught on campus.  |
| <b>Time Commitment:</b>                  | Contact Hours: 26 hours of lectures and 36 hours of practical classes. Total Time Commitment: Estimated total time commitment 86 hours (minimum).  |
| <b>Prerequisites:</b>                    | None   |
| <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 Jeanine Sandy   |
| <b>Subject Overview:</b>                 | <p>Students completing the subjects Veterinary Pathology A and Veterinary Pathology B should: be familiar with and able to accurately apply the terminology of pathology; understand the principles and possess the essential information regarding the major causes of disease and the responses of cells and tissues to injury; understand the cellular, biochemical and molecular basis of pathological processes; be able to observe precisely and identify, describe and interpret the macroscopic and microscopic appearances of tissues and cells altered by disease processes; be familiar with the sources of contemporary literature relating to the principles and practice of pathology and capable of using this information, and be competent in microscopy, in observation of tissue and cellular abnormalities and in the critical analysis of data.</p> <p>Topics include tissue fixation and histological processing, diagnosis of disease, post mortem changes, alterations of tissue mass, cellular degeneration and necrosis, leukocyte biology, inflammation, wound healing, mineralisation and pigmentation of tissues, congenital and inherited disorders and circulatory disorders.</p> |
| <b>Assessment:</b>                       | One 2-hour written examination (60%) and one 1-hour computer-based practical examination (20%) at the end of semester. Two computer-based assessments during semester, each of 30 minutes' duration and each contributing 10% to the total subject mark and indicated in the teaching timetable available at the commencement of the semester.   |
| <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>                   | <p>Students completing Veterinary Pathology A and Veterinary Pathology B students should have:</p> <p># developed skills in independent and self-directed learning;</p>  |

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|                           | <ul style="list-style-type: none"><li># the skills to apply technology to the analysis of biological problems;</li><li># the skills to obtain information from primary sources;</li><li># the capability to solve problems in applied situations, with the ability to integrate information from multiple disciplines;</li><li># competency in using multimedia to acquire, manage, present and discuss data; and</li><li># enhanced oral and written communication skills.</li></ul> |
| <b>Related Course(s):</b> | Bachelor of Veterinary Science<br>Bachelor of Veterinary Science(PV)  |