

## 601-AA Bachelor of Animal Science and Management with Honours

<b>Year and Campus:</b>	2009																															
<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>Level:</b>	Undergraduate																															
<b>Duration &amp; Credit Points:</b>																																
<b>Coordinator:</b>	Dr Julian Hill																															
<b>Contact:</b>	<p>Dr Julian Hill, Course Coordinator, Melbourne School of Land and Environment, Phone: +613 8344 8841 Email: <a href="mailto:julianh@unimelb.edu.au">julianh@unimelb.edu.au</a> (mailto:julianh@unimelb.edu.au)</p> <p>Ms Louisa King, Undergraduate Officer, Melbourne School of Land and Environment, Phone: 8344 6390 Email: <a href="mailto:kingl@unimelb.edu.au">kingl@unimelb.edu.au</a> (mailto:kingl@unimelb.edu.au)</p>																															
<b>Course Overview:</b>	<p>The honours year in animal science and management is a very valuable year of study. It comprises advanced coursework and an individual research project designed to extend students' knowledge and skills in solving animal science and management industry research problems.</p> <p>This course, offered at the Parkville campus, provides an understanding of animals, their biology and ecology, their management in natural and farm production systems and as companions to humans. The course provides grounding in the technical, ethical and welfare considerations attached to human-animal interactions.</p>																															
<b>Objectives:</b>	<p>Students who have completed this course should have acquired:</p> <ul style="list-style-type: none"> <li># the scientific knowledge required to care for and manage animals across a range of disciplines;</li> <li># a high level of understanding and appreciation in a more specialised area of the animal sciences as applied in animal industries, companion animal management and animal models for scientific studies;</li> <li># an ability to work within and contribute to the development of ethical practices in all human-animal interactions;</li> <li># enhance skills in communication, teamwork, group leadership, IT and the gathering, management, analysis and reporting of information.</li> </ul>																															
<b>Subject Options:</b>	<p><b>Bachelor of Animal Science and Management (Honours)</b> Core subjects</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>202-401 Honours Research Project</td> <td>Year Long</td> <td>62.500</td> </tr> </tbody> </table> <p>Elective subjects:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>208-411 Research Philosophies and Statistics</td> <td>Semester 1</td> <td>12.500</td> </tr> <tr> <td>207-414 Social Research Methods</td> <td>Semester 1</td> <td>12.500</td> </tr> <tr> <td>220-404 Methods for Forest &amp; Ecosystem Research</td> <td>Semester 1</td> <td>12.500</td> </tr> <tr> <td>208-408 Special Studies in Animal Science</td> <td>Year Long</td> <td>12.500</td> </tr> <tr> <td>208-405 Advanced Animal Management Systems</td> <td>Semester 1</td> <td>12.500</td> </tr> <tr> <td>208-409 Animal Welfare</td> <td>Semester 1</td> <td>12.500</td> </tr> <tr> <td>208-406 Advanced Topics in Equine Systems</td> <td>Not offered 2009</td> <td></td> </tr> </tbody> </table>		Subject	Study Period Commencement:	Credit Points:	202-401 Honours Research Project	Year Long	62.500	Subject	Study Period Commencement:	Credit Points:	208-411 Research Philosophies and Statistics	Semester 1	12.500	207-414 Social Research Methods	Semester 1	12.500	220-404 Methods for Forest & Ecosystem Research	Semester 1	12.500	208-408 Special Studies in Animal Science	Year Long	12.500	208-405 Advanced Animal Management Systems	Semester 1	12.500	208-409 Animal Welfare	Semester 1	12.500	208-406 Advanced Topics in Equine Systems	Not offered 2009	
Subject	Study Period Commencement:	Credit Points:																														
202-401 Honours Research Project	Year Long	62.500																														
Subject	Study Period Commencement:	Credit Points:																														
208-411 Research Philosophies and Statistics	Semester 1	12.500																														
207-414 Social Research Methods	Semester 1	12.500																														
220-404 Methods for Forest & Ecosystem Research	Semester 1	12.500																														
208-408 Special Studies in Animal Science	Year Long	12.500																														
208-405 Advanced Animal Management Systems	Semester 1	12.500																														
208-409 Animal Welfare	Semester 1	12.500																														
208-406 Advanced Topics in Equine Systems	Not offered 2009																															

<b>Entry Requirements:</b>	<p>All applicants must satisfy the following two requirements:</p> <ul style="list-style-type: none"> <li># Applicants must hold a bachelors level degree in either Agricultural Science or Animal Science and Management or approved by Course Coordinator.</li> <li># The minimum entry requirement is an average mark of at least 65 in the third year (300-level) subjects of the degree.</li> </ul> <p>Additional information can be found on the Faculty of Land and Food Resources website: <a href="http://www.landfood.unimelb.edu.au/courses/honours/">http://www.landfood.unimelb.edu.au/courses/honours/</a></p>
<b>Core Participation Requirements:</b>	<p>Students enrolling in the Melbourne School of Land and Environment are advised that some courses of study may put them at an increased risk of contracting Q Fever. Q Fever is a relatively common, preventable condition which while rarely fatal, can cause a severe acute illness and can result in damage to heart valves and chronic fatigue. It is recommended that students consider undertaking screening and vaccination for Q Fever prior to commencement of study. Students may be required to provide proof of vaccination prior to undertaking some coursework. Your course coordinator will advise you of this requirement prior to commencement of the study semester. Vaccine costs for students are not covered by the Pharmaceutical Benefits Scheme (PBS), Medicare, or by the University. Some students with full private health coverage (which has hospital and ancillary cover) may receive partial re-imburement for vaccine costs. 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. This course requires all students to enrol in subjects where they must actively and safely contribute to field excursions and laboratory activities. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Subject Coordinator and Disability Liaison Unit (8344 7068 or <a href="mailto:DLU-enquiries@unimelb.edu.au">DLU-enquiries@unimelb.edu.au</a> ).</p>
<b>Further Study:</b>	<p>After successfully completing the program, students will be prepared to either enter the workforce pursuing a career, or enrol for further research study through applying for a masters or doctor of philosophy degree.</p>
<b>Graduate Attributes:</b>	<p>The Melbourne Experience enables our Graduates to become: Academically excellent have a strong sense of intellectual integrity and the ethics of scholarship reach a high level of achievement in writing, generic research activities, problem-solving and communication be critical and creative thinkers, with an aptitude for continued self-directed learning be adept at learning in a range of ways, including through information and communication technologies Knowledgeable across disciplines examine critically, synthesise and evaluate knowledge across a broad range of disciplines expand their analytical and cognitive skills through learning experiences in diverse subjects have the capacity to participate fully in collaborative learning and to confront unfamiliar problems Leaders in communities initiate and implement constructive change in their communities, including professions and workplaces have excellent interpersonal and decision-making skills, including an awareness of personal strengths and limitations mentor future generations of learners engage in meaningful public discourse, with a profound awareness of community need</p>
<b>Generic Skills:</b>	<p>This course encompasses particular generic skills. On completion of the course students should have:</p> <ul style="list-style-type: none"> <li># Awareness of and ability to utilise appropriate communication technology and methods for the storage, management and analysis of data</li> <li># Capacity for creativity and innovation, through the application of skills and knowledge</li> <li># Highly developed written communication skills to allow informed dialogue with individuals and groups from industry, government and the community</li> <li># Highly developed oral communication skills to allow informed dialogue and liaison with individuals and groups from industry, government and the community</li> <li># Ability to participate effectively as a member of a team</li> <li># Ability to plan work, use time effectively and manage small projects</li> </ul>