

601AA Bachelor of Animal Science and Management with Honours

Year and Campus:	2011 - Parkville
CRICOS Code:	051256J
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Undergraduate
Duration & Credit Points:	100 credit points taken over 12 months full time. This course is available as full or part time.
Coordinator:	Iona MacLeod
Contact:	<p>Melbourne School of Land & Environment Student Centre Ground Floor, Land & Food Resources (building 142)</p> <p><i>Enquiries</i> Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)</p>
Course Overview:	<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>
Objectives:	<p>Students who have completed this course should have acquired:</p> <ul style="list-style-type: none"> # the scientific knowledge required to care for and manage animals across a range of disciplines; # 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; # an ability to work within and contribute to the development of ethical practices in all human-animal interactions; # enhance skills in communication, teamwork, group leadership, IT and the gathering, management, analysis and reporting of information.
Course Structure & Available Subjects:	601AA - Bachelor of Animal Science and Management (Honours)
Subject Options:	<p>BACHELOR OF ANIMAL SCIENCE AND MANAGEMENT (HONOURS)</p> <p>The honours course is comprised of coursework and a research project. The coursework subjects consist of core subjects, and electives to be selected essentially from 400-level subjects offered by the Melbourne School of Land and Environment and other faculties of the University. They will enable students to gain sufficient familiarity with the fields relevant to their research project. Up to two subjects not appearing on the recommended list can be taken for credit, subject to course coordinator approval. Students may select two 300-level subjects for credit, subject to course coordinator approval. Applicants to the program will need to demonstrate the completion of appropriate prerequisite subjects in their undergraduate courses when selecting coursework subjects. Students will also be expected to participate in research discussion groups or 'journal clubs' and to attend the Faculty's research seminar series.</p> <p>Honours Research Project</p> <p>Students will select a project from a list formulated by supervisors through the Honours Research Project subject coordinator. Some of these projects may be offered in collaboration with industry, and collaborating institutions. Project proposals detailing the experimental plan and a literature review will be presented before the Honours Panel for discussion and approval prior to commencing experimental work. Students will be required to present seminars on both their project proposal and the outcomes of their research.</p>

AGRI40001 (year long) may be replaced by AGRI40002 in Semester 1 or Semester 2; or AGRI40003 for mid-year entry.

Subject	Study Period Commencement:	Credit Points:
AGRI40001 Land and Environment Research Project	Semester 1, Semester 2	25
AGRI40002 Land and Environment Research Project	Semester 1, Semester 2	37.50
AGRI40003 Land and Environment Research Project	Semester 1, Semester 2	50

FOURTH YEAR

Semester 1

MAST40001 Research Philosophies and Statistics **or** NRMT40005 Social Research Methods **plus** one elective in Semester 1 or 2

Subject	Study Period Commencement:	Credit Points:
MAST40001 Research Philosophies and Statistics	Semester 1	12.50
NRMT40005 Social Research Methods	Semester 1	12.50

Electives

One elective from Semester 1 or Semester 2.

Electives can be chosen from the following list or from approved subjects from other courses.

Subject	Study Period Commencement:	Credit Points:
DASC40003 Special Studies in Animal Science	Year Long	12.50
DASC40001 Advanced Animal Management Systems	Semester 1	12.50
DASC90011 Genetics and Animal Breeding	Semester 2	12.50
DASC90012 Animal Welfare	October	12.50

Entry Requirements:

All applicants must satisfy the following two requirements:

- # Applicants must hold a bachelors level degree in either Agricultural Science or Animal Science and Management or approved by Course Coordinator.
- # The minimum entry requirement is an average mark of at least 65 in the third year (300-level) subjects of the degree.

Additional information can be found on the Faculty of Land and Food Resources website: <http://www.landfood.unimelb.edu.au/courses/honours/>

Core Participation Requirements:

Please visit our website for details about core participation requirements: <http://www.land-environment.unimelb.edu.au/studentpolicies/coreparticipation.html>

Further Study:

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.

Graduate Attributes:

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 problemsLeaders in communities initiate and implement constructive change in their communities, including professions and workplaceshave excellent interpersonal and decision-making skills, including an awareness of personal strengths and limitationsmentor future generations of learnersengage in meaningful public discourse, with a profound awareness of community need
Generic Skills:	<p>This course encompasses particular generic skills. On completion of the course students should have:</p> <ul style="list-style-type: none"># Awareness of and ability to utilise appropriate communication technology and methods for the storage, management and analysis of data# Capacity for creativity and innovation, through the application of skills and knowledge# Highly developed written communication skills to allow informed dialogue with individuals and groups from industry, government and the community# Highly developed oral communication skills to allow informed dialogue and liaison with individuals and groups from industry, government and the community# Ability to participate effectively as a member of a team# Ability to plan work, use time effectively and manage small projects