DASC30015 Animal Welfare and Ethics

Credit Points:	12.5
Level:	3 (Undergraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Twenty-four hours lectures, up to 12 hours tutorials and 12 hours practicals to be undertaken at Parkville and off-site. Total Time Commitment: (including non-contact time): 170 hours.
Prerequisites:	A physiology subject at 200 level such as:

Subject	Study Period Commencement:	Credit Points:
DASC20010 Applied Animal Physiology	Semester 2	12.50

Corequisites:	None
Recommended Background Knowledge:	Recommended Background Knowledge:

Subject	Study Period Commencement:	Credit Points:
DASC20012 Comparative Nutrition and Digestion	Semester 1	12.50
DASC20010 Applied Animal Physiology	Semester 2	12.50
DASC20011 Companion Animal Biology	Semester 1	12.50
DASC20013 Topics in Animal Health	Semester 2	12.50
ECOL20003 Ecology	Semester 2	12.50

Non Allowed Subjects:	None
Core Participation Requirements:	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. 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: http://services.unimelb.edu.au/disability
Coordinator:	Dr Jean-Loup Rault
Contact:	**jean-loup.rault@unimelb.edu.au (mailto:jean-loup.rault@unimelb.edu.au)**
Subject Overview:	This subject develops knowledge and understanding of systems for regulating body function, and physiological and behavioural processes that are utilised by animals in response to environmental challenges. This basis will allow students to evaluate and assess animal welfare and ethical issues that confront livestock production and amenity use of animals in society. The subject will also develop knowledge in adaptation, preference testing, cognition, and short/long-term biological response. Specific topics covered include:

	* the current debate about animal usage and animal welfare; * systems regulating the body (homeostasis, motivation and control systems, and development of regulatory systems); * limits to adaptation (stimulation, tolerance and coping, variation in adaptation); * stress and welfare (Selye's concept of stress and refinements to the concept, coping and fitness, definition of welfare and its assessment); * assessing welfare using short- and long-term biological responses; * assessing welfare using preference testing; * assessing welfare by studying cognitive skills; * ethical problems concerning welfare; * welfare issues in agriculture and the general community; and codes of practice for the welfare of livestock and welfare solutions.
Learning Outcomes:	On completion of the course, students should have sound and broad understanding of the systems regulating body function and the behavioural and physiological responses utilised by animals in responding to environmental change. From this theoretical base, students should develop an appreciation of the scientific approaches available to assess animal welfare. Furthermore, students should understand the concepts of animal welfare and be aware of the main welfare issues confronting animals in modern livestock production systems.
Assessment:	A 2-hour written examination, which may include essay and short-answer sections 50% at the end of semester; one written presentation (1500 words) 35% due mid-semester; and one 5 minute oral presentation 15% due last week of semester.
Prescribed Texts:	D M Broom & A F Fraser Farm Animal Behaviour and Welfare. CAB International, 2007. B L Hart, The Behaviour of Domestic Animals. W H Freeman & Co, 1985. A Manning and M S Dawkins, An Introduction to Animal Behaviour. 4th edition, Cambridge University Press, 1993.
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2015/B-ARTS)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2015/B-COM)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2015/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2015/B-MUS)** You should visit **learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html)** and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	On completion of the subject the students should have developed the following generic skills: Academic excellence, greater in-depth understanding of scientific disciplines of animal behaviour and its application to the humane care and efficient management of farm and companion animals. The student's flexibility and level of transferable skills should be enhanced though improved time management and enhanced ability to communicate their ideas effectively in both written and verbal formats.
Notes:	This subject involves the use of animals. Students should be aware that this is an essential part of the course and exemption from this component is not possible. **Q Fever** Students enrolling in this subject 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 Benefit Scheme, Medicare, or by the University. Some students with full private medical coverage (which has hospital and ancillary cover) may receive partial re-imbursement for vaccine costs.
Related Majors/Minors/ Specialisations:	Animal Disease Biotechnology (specialisation of Animal Health and Disease major) Animal Science and Management Science-credited subjects - new generation B-SCI and B-ENG. Selective subjects for B-BMED