

VETS20010 Animal Health, Management & Welfare 2A

Credit Points:	6.25
Level:	2 (Undergraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 26 hours of lectures, seminars and computer laboratory. Total Time Commitment: Estimated total time commitment 38 hours (minimum).
Prerequisites:	Nil
Corequisites:	Nil
Recommended Background Knowledge:	Nil
Non Allowed Subjects:	Nil
Core Participation Requirements:	Prospective students are advised to familiarise themselves with the Faculty's Academic Requirements Statement http://www.vet.unimelb.edu.au/docs/CoreParticipationReqs.pdf
Coordinator:	Prof Andrew Fisher
Contact:	adfisher@unimelb.edu.au
Subject Overview:	Topics include principles and biometric procedures for assessing the management and health of animal populations; epidemiological principles of health and disease in animal populations; principles of animal health, biosecurity, risk management and management for the beef, dairy, fish, and poultry; the influence of management on the products of animal-based industries, quality assurance systems and food safety 'from paddock to plate'.
Objectives:	At the end of the sequence Animal Health, Management & Welfare 2A and Animal Health, Management & Welfare 2B, students completing these subjects should: understand the nutrition of grazing herds and flocks, and livestock in the feedlot, supplementary feeding for performance and survival, and be able to give practical advice on pasture-based systems; understand the principles of animal health management for the beef, dairy, wool, prime lamb, horse and aquaculture industries and for establishments breeding laboratory animals; be able to design an appropriate production system for the beef, dairy, wool, prime lamb and horse industries and for the production of laboratory animals; understand the principles of quality assurance as they apply to animal production systems and the processing of animal derived products; understand the structure of the beef, dairy, wool, prime lamb, horse and aquaculture industries; understand the hygiene and disease prevention principles followed by veterinarians when handling individual animals or visiting livestock properties or premises ('closed herds/flocks').
Assessment:	A 2-hour written examination at the end of semester (80%). Written assignments in Veterinary Public Health to be prepared as electronic portfolios (20%). Students must complete no less than eight weeks of experience in animal handling, care and management during the vacations of the first and second years before the end-of-year examination in second year. The work must be carried out on approved farms or animal enterprises and may not commence until satisfactory completion of a faculty approved animal handling course. A report of no more than four pages must be completed for each period of practical work.
Prescribed Texts:	Nil
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	At the end of the sequence Animal Health, Management and Welfare 2A and Animal Health, Management and Welfare 2B students completing these subjects should have:

- # skills in independent and self directed learning;
- # skills in report writing;
- # skills required to be efficient managers of information; and
- # further developed a respect for professional ethics.