DASC90008 Monogastric Science

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: March, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Up to 44 hours of lectures/practicals/tutorials Total Time Commitment: 170 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
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 Ian Bland
Contact:	Email: **ibland@unimelb.edu.au (mailto:ibland@unimelb.edu.au)**
Subject Overview:	This subject will examine agricultural systems of monogastric animal production before focusing on the developments in production, reproduction and product quality that are improving the industry. Topics examined include: # Size, distribution and value of the pig, poultry and other intensive animal industries # Breed selection and genetic improvement in intensive animal production # Practical feeding of breeding and growing animals # Optimisation of reproductive output # Environmental effects and the use of buildings in intensive animal production # Management regimes to maintain animal health # Maximisation of product output and quality # Analysis of production systems and consideration of alternatives
Learning Outcomes:	The objective of this subject is to extend the participant's ability to: # Understand new approaches to the management of monogastric farm species # Identify and develop strategies to manage the optimization of production of selected monogastric species

Assessment:	One 500 word essay plan due at end of first week of the intensive worth 20% One 2500 word essay due at end of intensive period worth 30% A two-hour exam to be held in the end-of-semester exam period worth 50%
Prescribed Texts:	None
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:	Students completing this subject will gain generic skills in: # Advanced skills in the study,measurement and analysis of monogastric management systems # Advanced skills to be able to offer advice on reproductive, social, feeding and other behavioural disorders of monogastric species managed in intensive production systems
Related Course(s):	Graduate Certificate in Agricultural Sciences Graduate Diploma in Agricultural Sciences Master of Agricultural Science Master of Animal Science Postgraduate Diploma in Agricultural Science
Related Majors/Minors/ Specialisations:	100 Point (A) Master of Agricultural Sciences 100 Point (B) Master of Agricultural Sciences 150 Point Master of Agricultural Sciences 200 Point Master of Agricultural Sciences Animal Science Specialisation