ZOOL30006 Animal Behaviour

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Lectures and multimedia presentations.
Time Commitment:	Contact Hours: 30 lectures during the semester; and 1 x one hour multimedia presentation per week Total Time Commitment: Estimated total time commitment of 120 hours
Prerequisites:	One of **Subject** / **Study Period Commencement:** / **Credit Points:** ECOL20003 Ecology — Semester 2 — 12.50 ZOOL20005 Animal Structure and Function — Semester 1 — 12.50 ZOOL20006 Comparative Animal Physiology — Semester 2 — 12.50 # 654-201 Invertebrate Structure and Function (prior to 2009) # 654-202 Vertebrate Structure and Function (prior to 2009) # 654-204 Ecology: Individual and Populations (prior to 2009)
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	Students who have completed either of the following subjects may not enrol in this subject for credit # 654-303 Experimental Animal Behaviour (prior to 2003) # 654-305 Animal Behaviour (prior to 2003)
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry.The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Coordinator:	Dr Theresa Jones, Prof Mark Elgar
Contact:	Email: ZOOL30006@zoology.unimelb.edu.au
Subject Overview:	This subject describes and evaluates contemporary issues in animal behaviour. In particular, it highlights the relevance of evolutionary theory to ultimate explanations of animal behaviour and other life-history characteristics. Topics include foraging behaviour, competitive interactions and the application of game theory, signals and communication, courtship and mating, sexual selection and sexual conflict, parental care, and the evolution of social behaviour. The subject provides an opportunity to assimilate and critically evaluate the relevant, contemporary literature, thereby ensuring a familiarity with, and understanding of, current and controversial areas of animal behaviour.
Objectives:	On completion of this subject, students should be aware of the ways in which a scientific and evolutionary approach to animal behaviour are developed; appreciate the key evolutionary

	processes that shape animal behaviour, and have experience in writing a lucid and considered account of scholarly research.
Assessment:	Written work of up to 2000 words due during the semester (40%); a 2-hour written examination in the examination period (60%).
Prescribed Texts:	None
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/2012/B-ARTS)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2012/B-COM)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2012/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2012/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:	This subject builds upon existing generic skills, including an ability to assimilate and critically evaluate new knowledge within a scientific paradigm, and to communicate that knowledge to a broad audience.
Notes:	This subject is available for science credit to students enrolled in the BSc (both pre-2008 and new degrees), BASc or a combined BSc course.
Related Majors/Minors/ Specialisations:	Animal Disease Biotechnology (specialisation of Animal Health and Disease major) Ecology and Evolutionary Biology Science credit subjects* for pre-2008 BSc, BASc and combined degree science courses Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED. Zoology