ZOOL30006 Animal Behaviour

Credit Points:	12.5
Level:	3 (Undergraduate)
Dates & Locations:	2016, 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 170 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

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:	Prof Mark Elgar, Prof Raoul Mulder
Contact:	ZOOL30006@zoology.unimelb.edu.au
Subject Overview:	This subject explores how natural and sexual selection have shaped the intriguing and often bizarre behaviours of animals. Topics include resource competition, predator avoidance, communication, mate choice, parental care, cooperation, sexual conflict, and the role of genes, hormones and learning in shaping behavioural diversity. Lectures draw on examples from across the animal kingdom to illustrate the complex mechanisms underlying adaptations, and are complemented with natural history videos that highlight key concepts. We evaluate the scientific rigour of studies used to test theory, and highlight the often ingenious methods adopted by researchers to understand animal behaviour.
Learning Outcomes:	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
Recommended Texts:	Davies, Nicholas B, Krebs, John R., West, Stuart A. (2012). An Introduction to Behavioural Ecology. Wiley-Blackwell. ISBN 9781405114165.
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/2016/B-ARTS)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2016/B-COM)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2016/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2016/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-credited subjects - new generation B-SCI and B-ENG. Selective subjects for B-BMED Zoology Zoology Zoology Zoology Zoology