



University of Pretoria Yearbook 2016

Behavioural ecology 363 (ZEN 363)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	18.00
Programmes	BSc Biochemistry BSc Environmental Sciences BSc Genetics BSc Geography BSc Geoinformatics BSc Human Physiology BSc Microbiology BSc Physics BSc Plant Science BSc Zoology
Service modules	Faculty of Education
Prerequisites	No prerequisites.
Contact time	2 practicals per week, 4 lectures per week
Language of tuition	English
Academic organisation	Zoology and Entomology
Period of presentation	Quarter 4

Module content

The history of behavioural ecology. A causal, developmental, evolutionary and adaptive approach. Sensory systems and communication. Sexual selection, mate choice and sperm competition. Kin selection and group living. Special reference to social insects. The behavioural ecology of humans. Phylogenetic basis of behavioural analysis. The role of behavioural ecology in conservation planning.

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