

# University of Pretoria Yearbook 2021

## Behavioural ecology 363 (ZEN 363)

**Qualification** Undergraduate

**Faculty** [Faculty of Natural and Agricultural Sciences](#)

**Module credits** 18.00

**NQF Level** 07

**Programmes** [BSc Biochemistry](#)

[BSc Ecology](#)

[BSc Entomology](#)

[BSc Genetics](#)

[BSc Human Physiology](#)

[BSc Zoology](#)

**Service modules** Faculty of Education

**Prerequisites** No prerequisites.

**Contact time** 2 practicals per week, 4 lectures per week

**Language of tuition** Module is presented in English

**Department** 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. The module covers sustainable development goals 1-10 and 12-15.

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