

University of Pretoria Yearbook 2019

Environmental physiology 704 (ZEN 704)

Qualification Postgraduate

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

Module credits 13.00

Programmes [BScHons Entomology](#)

[BScHons Zoology](#)

Prerequisites No prerequisites.

Contact time 4 discussion classes per week

Language of tuition Module is presented in English

Department Zoology and Entomology

Period of presentation Semester 1

Module content

Photoperiodism and chronobiology – the ability of animals to measure daylength, the concept of circadian rhythm and the nature of the clock which drives such processes. Water availability and temperature – physiological responses of animals to changing water availability and temperature in the context of global climate change. Regulation of reproduction – physiological mechanisms which couple reproduction to external and internal environmental factors.

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