

University of Pretoria Yearbook 2017

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
Academic organisation	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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