

# University of Pretoria Yearbook 2016

## Environmental physiology 704 (ZEN 704)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	13.00
<b>Programmes</b>	<a href="#">BScHons Entomology</a> <a href="#">BScHons Zoology</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	4 discussion classes per week
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Zoology and Entomology
<b>Period of presentation</b>	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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