

University of Pretoria Yearbook 2016

Animal physiology 311 (DFS 311)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	10.00
Programmes	BScAgric Animal Science BScAgric Animal Science: Pasture Science
Prerequisites	DAF 200
Contact time	2 lectures per week
Language of tuition	Both Afr and Eng
Academic organisation	Animal and Wildlife Sciences
Period of presentation	Semester 1

Module content

Homeostasis and Homeorhesis in animals: Thermoregulation. Adaptation of glucose, lipid and protein metabolism in response to short and long-term changes in the supply and balance of nutrients and to changes in tissue demand for nutrients during different physiological states. Deviations from normal homeostasis, metabolic diseases and the prevention thereof. Pathogenesis of inflammation and infections; immunity.

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