

University of Pretoria Yearbook 2022

Animal physiology 311 (DFS 311)

Qualification Undergraduate

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

Module credits 10.00

NQF Level 07

Programmes [BScAgric \(Animal Science\)](#)

Prerequisites DAF 200 GS

Contact time 2 lectures per week

Language of tuition Module is presented in English

Department Animal Science

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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