



University of Pretoria Yearbook 2017

Growth physiology 320 (DFS 320)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	12.00
Programmes	BScAgric Animal and Pasture Science BScAgric Animal Science
Prerequisites	DFS 311
Contact time	1 practical every 2nd week
Language of tuition	Module is presented in English
Academic organisation	Animal and Wildlife Sciences
Period of presentation	Semester 2

Module content

Functional anatomy, growth and development of tissues and organ systems. The underlying physiological processes in growth and development. Pre- and postnatal growth and factors which determine growth rate: growth curves, stimulants of growth, age, nutrition, breed, sex. Changes during maturation, reproduction, the post-partum period and lactation. Ageing and tissue changes with erosion diseases. The influence of hormones, production and reproduction on conformation and a critical evaluation of assessment of animals for functional efficiency.

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