

University of Pretoria Yearbook 2020

Large stock nutrition and production 420 (GVK 420)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	18.00
Programmes	BScAgric Animal Science
Prerequisites	VGE 320, and VKU 260 and simultaneously register for TLR 411 and PVK 420.
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Animal and Wildlife Sciences
Period of presentation	Semester 1

Module content

Production management of large stock. Aspects of business management of the large-stock enterprise. Management programmes, production systems and techniques applicable to beef cattle, dairy cattle and horses in an environmentally friendly manner, with reference to the role of Sustainable Development Goals (SDGs) in a Southern African context. Specialised nutrition of beef and dairy cattle according to production systems. The use of computer systems in feeding management. Design and planning of farm buildings and structures. Storage and handling of fodder. The handling and management of refuse. Hygiene and herd health programmes. Practical work: This will include compiling rations based on requirements and least cost formulations, specialised assignments and on-farm experiential training.

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