

University of Pretoria Yearbook 2019

Animal science, breeding and nutrition 223 (VKU 223)

Qualification	Undergraduate
Faculty	Faculty of Veterinary Science
Module credits	14.00
Programmes	BVSc
Service modules	Faculty of Natural and Agricultural Sciences
Prerequisites	No prerequisites.
Contact time	3 blocks with a total of 120 lectures
Language of tuition	Module is presented in English
Department	Animal and Wildlife Sciences
Period of presentation	Semester 2

Module content

Introduction to adaptation physiology with reference to origin and domestication of farm and companion animals. Livestock species, breed development and diversity. Principles of applied animal breeding, quantitative and qualitative inheritance. Trait classification and factors influencing genetic progress in farm animals. Introduction to animal nutrition with the focus on feed intake, digestibility and metabolism of feeds in both monogastric and ruminant animals. Classification of feedstuffs and the nutritive value in the diet for the different farm animal species. An introduction to applied nutrition and feeding of monogastric and ruminant animals, equine and companion animals.

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