



University of Pretoria Yearbook 2020

Animal breeding 411 (TLR 411)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module content	Components of animal performance. Sources of variation, population parameters and the estimation thereof. Introduction to matrix algebra for application in animal breeding. Selection indices theory. Statistical models in estimation of breeding values. Application of breeding values and prerequisites for accuracy. Breeding and selection for reproduction and growth. Principles of QTLs.
Module credits	12.00
Programmes	BScAgric Animal Science
Prerequisites	TLR 320 and GTS 261 and simultaneously register for GVK 420 and PVK 420
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Animal and Wildlife Sciences
Period of presentation	Semester 1

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