



University of Pretoria Yearbook 2019

Animal breeding 320 (TLR 320)

Qualification Undergraduate

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

Module content Karyotyping of farm animals; breed and specie differences and the influence on classification of breeds. Influence of chromosomal aberrations. Phenotypic expression of genes and gene-interaction in farm animals. Single gene, major genes and polygenes. Variation in traits of economic importance and statistical description. Use of genetic variation. Estimation of breeding values and family indices on traits determined by single genes. Principles of breeding systems.

Module credits 12.00

Programmes [BScAgric Animal Science](#)

Prerequisites GTS 261

Contact time fortnightly practicals, 2 lectures per week

Language of tuition Separate classes for Afrikaans and English

Department Animal and Wildlife Sciences

Period of presentation Semester 2

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