

# University of Pretoria Yearbook 2017

## Livestock breeding 325 (APZ 325)

**Qualification** Undergraduate

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

**Module credits** 10.00

**Prerequisites** GTS 261

**Contact time** 2 lectures per week

**Language of tuition** Module is presented in English

**Academic organisation** Animal and Wildlife Sciences

**Period of presentation** Semester 2

### Module content

Introduction to applied animal breeding and genetics: Genetic defects in farm and companion animals (single gene and multifactor characteristics). Phenotypic expression of genes in qualitative and quantitative inheritance. Principles of breeding and selecting farm and companion animals, breeding systems, application and interpretation of breeding values and animal recording schemes.

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