University of Pretoria Yearbook 2023

Animal breeding 411 (TLR 411)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	16.00
NQF Level	08
Programmes	BScAgric (Animal Science)
Prerequisites	TLR 320 and GTS 261 and #GVK 410 and #PVK 420. Final year students only.
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Animal Science
Period of presentation	Semester 1

Module content

Molecular breeding and selection, including DNA markers, applications of genomics such as biodiversity management, parentage verification, MAS and genomic selection. Formulation and application of breeding objectives with reference to the role of Sustainable Development Goals (SDG's) in a southern African context. with reference to the role of Sustainable Development Goals (SDG's) in a southern African context. Species-specific breeding systems. Breeding objectives and selection programmes for beef and dairy cattle, small stock and companion animals. Selection of traits of economic importance and the efficiency thereof. Crossbreeding systems in meat producing farm animals.

Regulations and rules

The regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

The General Academic Regulations (G Regulations) and General Student Rules apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.

University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.