

# University of Pretoria Yearbook 2025

## Animal production systems and principles of breeding 200 (VAP 200)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Veterinary Science</a>
<b>Module credits</b>	8.00
<b>NQF Level</b>	06
<b>Programmes</b>	<a href="#">Bachelor of Veterinary Science [BVSc]</a>
<b>Prerequisites</b>	Second year academic level and admission to relevant programme.
<b>Contact time</b>	6 hours of practicals per year, 3 lectures per week over 22 weeks
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Production Animal Studies
<b>Period of presentation</b>	Year

### Module content

Introduction to the role and concepts of animal production systems in the South African food production economy. Evolution, domestication and breed development. Animal recording, trait classification and the concept of functional efficiency. Qualitative and quantitative breeding principles with specific reference to selection of farm animal species. Principles of communal farming systems in Southern Africa. Principles requirements and production indices for extensive, semi-intensive and intensive animal production systems with reference to dairy, beef, mutton, wool, mohair, poultry meat, egg, pork, venison and fish production. Game management systems with reference to conservation and game farming. The role of the human in livestock production systems and sustainable production. The module contains practical sessions in farm animal management on a rotational basis including after-hours, weekends, public holidays and university recess. Concepts covered in class are applied in practice through community-based learning by visiting relevant farms and/or facilities and engaging with farmers and stakeholders.

### General Academic Regulations and Student Rules

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. The G Regulations are updated annually and

may be amended after the publication of this information.

#### **Regulations, degree requirements and information**

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

#### **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 (HEQSF) 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.