

University of Pretoria Yearbook 2021

MScAgric Animal Science Animal Breeding and Genetics (02255013)

Department Animal Science

Minimum duration of study 2 years

Total credits 180

NQF level 09

Programme information

The curriculum for the MScAgric degree consists of a dissertation of 180 credits.

An MScAgric degree in Animal breeding and genetics offers students the opportunity to investigate livestock populations on either quantitative or molecular level. It combines population genetics and genetic improvement of livestock to improve the efficiency of production in farm animals. This program focusses mainly on the genetic diversity and evaluation of large and small stock, with an emphasis on welfare traits and sustainable farming. Projects in this program offer opportunities for inter disciplinary research.

Residence

On the recommendation of the relevant head of department, the Dean may set specific residential requirements for the MScAgric degree.

Renewal of registration

As long as progress is satisfactory, renewal of the registration of a master's student will be accepted for the second year of the study. Registration for a third and subsequent years will only take place when the Student Administration of the Faculty receives a written motivation which is supported by the relevant head of department and Postgraduate Studies Committee.

Curriculum

Subject to programme-specific requirements, the curriculum for the MScAgric degree consists of the following:

- A dissertation; and
- Further study in the major subject/s, augmented by ancillary modules prescribed by the Postgraduate Studies Committee, on the recommendation of the head of department. Such ancillary modules may be taken simultaneously with the major subject/s. Candidates in possession of the BScAgricHons degree may be exempted from additional ancillary modules.
- Please note that not all modules will be offered in any one year.

General

Candidates are required to familiarise themselves with the General Regulations regarding the maximum period of registration and the requirements on the submission of a draft article for publication.

Admission requirements

1. BScAgric (Animal Science) degree **or** relevant honours degree
2. A weighted average of at least 60% at honours level
3. An admission examination may be required

Note: Additional modules may be required in order to reach the desired level of competency

Examinations and pass requirements

- i. The examinations in the ancillary modules should be successfully completed prior to, or simultaneously with, the examinations in the major subject/s, unless the Faculty Board decides otherwise.
- ii. General Regulation G.12.2 applies to the calculation of marks.
- iii. In order to obtain the MScAgric degree, the candidate must pass all prescribed modules, including the examination in the major subject/s, as well as the dissertation.



Curriculum: Year 1

Core modules

Dissertation: Animal science 890 (VKU 890) - Credits: 180.00

Curriculum: Final year

Core modules

Dissertation: Animal science 890 (VKU 890) - Credits: 180.00

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.