

# MScAgric in Animal Science

## *Programme Code*

2731011

## *Specific Admission Requirements*

- The BScAgric degree with an average final mark of at least 60% for the third and fourth year modules.
- The Department can expect you to take an admissions examination.

You can apply for the master's programme if you have obtained the Postgraduate Diploma in Animal Science with an average final mark of at least 60%. Your application is subject to approval by the Department of Animal Sciences.

## *Programme Content*

The master's programme consists of a research component of 100% (180 credits) but you could, in consultation with your supervisor, be requested to follow additional modules, including Biometry 811 or 821 (Biometrical Applications).

Research is possible in the following fields:

- increase in the effectiveness of animal production and animal products;
- the improvement of product quality in the farming of large and small livestock, and poultry;
- increase in the efficiency and production quality of alternative animal species; and
- intensive and extensive aquaculture systems, feeding and breeding.

## *Programme Outcomes*

After successful completion of the theoretical modules, you will be able to:

- analyse, consequent to the bachelor's programme, more complex problem situations and create and/or make suggestions towards increasingly sophisticated stock farming or intensive animal production systems;
- combine integrated knowledge in the fields of specialisation animal breeding, animal nutrition, animal physiology and animal products to enable problem-solving;
- plan, execute, analyse data and report research projects in a scientific manner;
- generate new knowledge using fundamental animal husbandry and scientific principles; and
- obtain further postgraduate qualifications at various national and international institutions.

## *Compulsory Module*

20826: Animal Science	818(180): Master's thesis
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### ***Assessment and Examination***

After completion of the research you must submit a thesis to the satisfaction of the examiners and present a seminar. You will be expected to defend your thesis during this seminar.

### ***Enquiries***

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