

3.7 Department of Genetics

3.7.1 MScAgric in Genetics

Programme Code

2731011

Specific Admission Requirements

- An applicable BScAgric or BScHons degree.
- An average final mark of 60% for the major subject.

Duration of Programme

This programme extends over a minimum of one year but may take longer to complete.

Programme Content

Research projects cover different aspects of plant breeding such as:

- biometrical applications in data analysis;
- genotype-environment interactions;
- the application or modification of conventional plant breeding methodology;
- the application of cytogenetic procedures;
- biochemical and molecular markers for the location, mapping and tagging of useful genes;
- genotyping and marker-assisted selection;
- transfer of genes from wild related species to cultivated cereals employing wide crossings; and
- cytogenetic manipulations or direct gene transfer by means of genetic engineering.

Compulsory Module

13285: Genetics	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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Disclaimer:

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