

MSc or MScAgric in Plant Pathology

Programme Code

5981001 or 2731011

Specific Admission Requirements

- The BScAgric degree or a BScHons in a suitable subject field.
- 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 can be selected from one of the following themes:

- fungal taxonomy (description and reclassification of known and new fungi by the application of various methods, such as molecular technology);
- applied molecular plant pathology, including the use of molecular-based techniques for the detection, diagnosis and characterisation of plant pathogenic populations of vines, deciduous fruit, citrus and agronomic crops;
- pre- and postharvest pathology in deciduous fruit, vines and citrus (status and behaviour of inocula on fruit surfaces, infection processes and plant resistance reactions);
- stem diseases in vines (etiology, diagnosis, epidemiology and integrated management);
- use of fungicides (spray technology) and fungal resistance (sensitivity in wild populations and disruption after fungicide exposure, management of fungicide resistance in fruit orchards, vineyards and agronomic crops); or
- integrated management (chemical, biological and alternative compounds) of diseases in deciduous fruit, vines, citrus and agronomic crops.

New or existing disease epidemics of economic importance are also researched.

Compulsory Module

32891: Plant Pathology	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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