

# BScHons in Applied Plant Physiology

## Programme Code

5971001

## Specific Admission Requirements

- An applicable BSc degree with Botany, Biochemistry, Genetics or Plant Biotechnology as major subject in which an average final mark of 60% was obtained.
- Supplementary study may be required.

## Closing Date for Applications

Apply by 14 September of the previous year.

## Duration of Programme

This programme extends over one year after an applicable three year BSc degree.

## Programme Content

The Honours programme in Applied Plant Physiology is designed to strengthen your knowledge and competencies in the discipline of Horticultural Science, with emphasis on plant physiological, biochemical and molecular mechanisms, which is relevant to production and quality systems within horticultural crops. You will also be equipped in research methodology, whilst your writing and presentation skills will also be developed. These skills will enable you to apply for further postgraduate studies offered in Horticulture (MScAgric).

## Compulsory Modules

12487: Applied Plant Physiology	714(16): Ecophysiology of horticultural and agronomical crops
12487: Applied Plant Physiology	734(13): Applied plant physiology and tree architecture
12487: Applied Plant Physiology	744(13): Postharvest physiology and technology of horticultural and agronomical crops
12487: Applied Plant Physiology	764(16): Nutrition of horticultural and agronomical crops
12487: Applied Plant Physiology	773(30): Research project

**plus**

## Elective Modules

Choose one of the groupings below.

39632: Horticultural Science	714(16): Deciduous fruit production
OR	
55565: Agronomy	712(8): Greenhouse production techniques
AND	
55565: Agronomy	732(8): Cultivation of future crops
OR	

13537: Plant genetics and crop improvement	722(8): Plant Genetics and Crop Improvement
AND	
11061: Biometry	711(8) or 721(8): Biometrical Applications

**plus**

Choose two of the five modules below. Neither Agronomy 752 and Horticultural Science 742 nor Agronomy 762 and Horticultural Science 762 can be taken together.

55565: Agronomy	752(8): Weed management
55565: Agronomy	762(8): Vegetable crops for intensive production
39362: Horticultural Science	742(8): Citrus physiology and technology
39632: Horticultural Science	752(8): Ornamental and foliage plant production
39632: Horticultural Science	762(8): Subtropical fruit production

### ***Assessment and Examination***

Modules are assessed by means of practical and written assignments, tests and written examinations in June and November.

### ***Enquiries***

Dr E Louw

Tel: 021 808 4760

E-mail: [esmelouw@sun.ac.za](mailto:esmelouw@sun.ac.za)