

# University of Pretoria Yearbook 2020

## BScHons Plant Science (02240707)

**Minimum duration of study** 1 year

**Total credits** 135

**NQF level** 08

### Programme information

#### Renewal of registration

- Subject to exceptions approved by the Dean, on the recommendation of the relevant head of department, a student may not sit for an examination for the honours degree more than twice in the same module.
- A student for an honours degree must complete his or her study, in the case of full-time students, within two years and, in the case of after-hours students, within three years of first registering for the degree. Under special circumstances, the Dean, on the recommendation of the relevant head of department, may give approval for a limited extension of this period.

In calculating marks, General Regulation G.12.2 applies.

Apart from the prescribed coursework, a research project is an integral part of the study.

### Admission requirements

- BSc (Plant Science) or on recommendation from the head of department if the candidate did not major in Plant Science.
- A final grade point average of at least 60% at final-year level
- Selection will be considered on the highest final grade point average of the preceding degree.
- Applicants may be subjected to an entrance evaluation examination.

### Other programme-specific information

BOT 705 and BTW 701 are for BScHons (Biotechnology) students. PB students who wish to take one of these modules as an elective need to apply to the programme leader.

The curriculum for the balance of the credits will be determined by the heads of department of the interdepartmental BScHons (Biotechnology) degree programme.

### Pass with distinction

The BScHons degree is awarded with distinction to a candidate who obtains a weighted average of at least 75% in all the prescribed modules and a minimum of 65% in any one module.

## Curriculum: Final year

### Minimum credits: 135

Core credits: 75

Elective credits: 60

The programme consists of compulsory modules and elective modules. Students may register for modules to the maximum of 20 credits presented by another department, which forms part of the elective modules.

The following streams are presented in the BScHons in Plant Science programme:

- Plant Diversity (D)
- Plant Biotechnology/Physiology (PB)
- Plant Ecology (E)
- Plant Pathology (P)

Apart from the compulsory and elective modules, a project, leading to a research report (60 credits), forms an essential part of the training programme. One seminar (15 credits) must also be written and presented. Field excursions are undertaken.

In addition to the compulsory modules, electives are selected in consultation with the supervisor.

Suitably qualified candidates may also apply for the interdepartmental BScHons in Biotechnology degree (Code 02240393) with a supervisor in the Department of Plant and Soil Science.

Please consult Prof P Bloomer, Tel: +27 12 420 3259, for further details.

### Core modules

[Research report 782](#) (BOT 782) - Credits: 60.00

[Seminar 783](#) (BOT 783) - Credits: 15.00

### Elective modules

[Crop physiology 761](#) (APS 761) - Credits: 15.00

[Statistics for biological sciences 780](#) (BME 780) - Credits: 15.00

[Natural woodland and forests: Ecology and management 700](#) (BOT 700) - Credits: 15.00

[Molecular techniques 705](#) (BOT 705) - Credits: 15.00

[Introduction to plant biotechnology 718](#) (BOT 718) - Credits: 10.00

[Plant ecology 730](#) (BOT 730) - Credits: 10.00

[Applied plant anatomy 741](#) (BOT 741) - Credits: 15.00

[Plant classification and phytogeography 742](#) (BOT 742) - Credits: 20.00

[Applications in plant biotechnology 746](#) (BOT 746) - Credits: 10.00

[Advanced phytomedicine 761](#) (BOT 761) - Credits: 10.00

[Trends in plant science 784](#) (BOT 784) - Credits: 10.00

[Plant identification and herbarium curation 786](#) (BOT 786) - Credits: 15.00

[Spatial analysis in ecology 788](#) (BOT 788) - Credits: 10.00

[Land reclamation and restoration ecology 791](#) (BOT 791) - Credits: 15.00

[Biotechnology in the workplace 701](#) (BTW 701) - Credits: 15.00

[Advanced plant disease control 783](#) (PLG 783) - Credits: 15.00

[Plant disease epidemiology 785](#) (PLG 785) - Credits: 15.00

[Current concepts in plant pathology 786](#) (PLG 786) - Credits: 15.00



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.