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# University of Pretoria Yearbook 2017

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## BScHons Plant Science (02240707)

**Duration of study** 1 year

**Total credits** 135

### Programme information

#### Renewal of registration

- i. Subject to exceptions approved by the Dean, on the recommendation of the head of department, and in the case of distance education where the Dean formulates the stipulations that will apply, a student may not sit for an examination for the honours degree more than twice in the same module.
- ii. 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 and, in the case of distance education students, within the period stipulated by the Dean. Under special circumstances, the Dean, on the recommendation of the 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 in Plant Science, or a recommendation from the head of the department if the candidate did not major in Plant Science. Preference will be given to applicants with the highest final grade point averages for their preceding degree and qualifying applicants may be subjected to an entrance evaluation examination. Admission is furthermore contingent on the availability of supervisors and/or research projects within the participating departments.

### 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.
- BOT 790 is for BScHons (Wildlife Management) students.

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

Minimum credits: 135

Core credits: 85

Elective credits: 50

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 fields are presented in the BScHons in Plant Science programme:

- Plant Diversity (D)
- Plant Biotechnology/Physiology (PB)
- Plant Ecology (E)
- Option: Medicinal Plant Science

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

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

### Elective modules

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

[Plant nomenclature 712](#) (BOT 712) - Credits: 10.00

[Seed ecology 714](#) (BOT 714) - Credits: 10.00

[Plant morphology 717](#) (BOT 717) - Credits: 10.00

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

[Primary plant metabolism 719](#) (BOT 719) - Credits: 10.00

[Plant taxonomy 741](#) (BOT 741) - Credits: 10.00

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

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

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

[Practical plant identification 786](#) (BOT 786) - Credits: 10.00

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

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

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

[Plant ecology and conservation 730](#) (BOT 730) - Credits: 20.00

[Plant ecology and conservation for wildlife management 790](#) (BOT 790) - Credits: 10.00

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