



# University of Pretoria Yearbook 2023

## BScHons (Plant Science) (02240707)

**Department** Plant Science

**Minimum duration of study** 1 year

**Total credits** 135

**NQF level** 08

### Admission requirements

1. Relevant BSc degree
2. A weighted average of at least 60% at final-year level
3. An admission examination may be required

### 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.

### General information

#### ***University of Pretoria Programme Qualification Mix (PQM) verification project***

*The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.*



## 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

[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

[Plants, people and planet 789](#) (BOT 789) - Credits: 5.00

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

[Biotechnology in the workplace 701](#) (BTW 701) - Credits: 20.00

[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



### **Regulations and rules**

The regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

The **General Academic Regulations (G Regulations)** and **General Student Rules** apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.

### **University of Pretoria Programme Qualification Mix (PQM) verification project**

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.