



University of Pretoria Yearbook 2016

BScHons Option: Medicinal Plant Science (03241090)

Duration of study 1 year

Total credits 135

Programme information

The programme consists of compulsory modules (30 credits) and elective modules (60 credits). Students may register for modules to the maximum of 20 credits presented by another department, which forms part of the elective modules.

Apart from the compulsory and elective modules, a project, leading to a research report (60 credits), forms an essential part of the 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.

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 department if the candidate did not major in Plant science. A minimum of 60% in Phytomedicine 365 (BOT 365), which is offered at third-year level in the Department of Plant Science.

The recommended modules at BSc third-year level are as follows:

1. BOT 366 Plant diversity (Department of Plant Science)
2. BOT 356 Plant ecophysiology (Department of Plant Science)
3. BCM 368 Molecular basis for disease (Department of Biochemistry)
4. BCM 357 Biocatalysis and integration of metabolism (Department of Biochemistry)
5. FAR 382 Pharmacology (Department of Pharmacology)



6. CMY 282 Physical chemistry (Department of Chemistry)

7. CMY 284 Organic chemistry (Department of Chemistry)

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 modules

- Phytopharmacology 748 (BOT 748) - Credits: 10.00
- Pharmacognosy/Phytotherapy 749 (BOT 749) - Credits: 10.00
- Advanced phytomedicine 761 (BOT 761) - Credits: 10.00
- Research report 782 (BOT 782) - Credits: 60.00
- Seminar 783 (BOT 783) - Credits: 15.00

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
- Trends in plant science 784 (BOT 784) - Credits: 10.00
- Practical plant identification 786 (BOT 786) - Credits: 10.00
- Spatial analysis in ecology 788 (BOT 788) - Credits: 10.00

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.