

University of Pretoria Yearbook 2022

BScHons *Pharmacology* (10243162)

Department Pharmacology

Minimum duration of study 1 year

Total credits 120

NQF level 08

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Programme information

The following requirements are set for completing the programme:

- Satisfactory attendance and contributions during theoretical and practical components of the course.
- Must pass the four module tests, including theoretical and practical examination.
- Attendance of weekly research meetings, where students will present their project progress.
- Practical experience of the laboratory techniques used in the particular subsections of the subject.
- Attendance at the compulsory faculty module (TNM 700) Applied research methodology 700.
- Attendance at the prescribed module (MBS 700) Medical Biostatistics 700.
- Taking part in a research project and presentation of an independent research report.
- Satisfactory attendance of a library-user course.

Admission requirements

1. Relevant bachelor's (or equivalent) degree with at least one applicable biological subject as a major
2. A suitable pharmacology background in a biological degree in which pharmacological concepts and treatments have been discussed, including the pharmacokinetics, pharmacodynamics and toxicology thereof
3. Undergraduate FAR 381 and FAR 382 (or equivalents thereof) must be completed with a minimum module average of 60%. In exceptional circumstances based on the approval of the selection committee, candidates who have not completed undergraduate pharmacology will need to complete these modules in the honours year for non-degree purposes.
4. Interview with the HOD, programme coordinator and supervisors may be required
5. Letter of motivation

Note: Compliance with the minimum admission requirements does not necessarily guarantee admission to the programme.

Additional requirements

The prerequisites for admission to the honours degree in certain fields of study are indicated in the syllabuses of the specific department.

Also consult General Academic Regulations G16-G29.

Examinations and pass requirements

- i. The examination at the end of the programme will consist of two written papers of three hours each as well as an oral presentation.
- ii. The maximum period for completion of the honours degree, is one year.
- iii. To comply with the pass requirements for the degree, a student must obtain a final mark of at least 50% in the theory component, as well as a mark of at least 50% for the practical/research study.

Pass with distinction

The degree is conferred with distinction on a student who has obtained at least 75% in the examination of the core module, FAR 705 (written, oral, practical, etc.).

Curriculum: Final year

Minimum credits: 120

Core modules

Pharmacology 705 (FAR 705)

Module credits	100.00
NQF Level	08
Prerequisites	No prerequisites.
Contact time	1 seminar per week, 1 tutorial per week, 16 hours per week, 6 lectures per week
Language of tuition	Module is presented in English
Department	Pharmacology
Period of presentation	Year

Module content

Covers the following topics: Immunology, pain and inflammation, pharmacokinetics, wound healing, proteomics, pharmacogenetics, law, pharmaceuticals, traditional and plant-based medicines, lifestyle disorders, drug/drug interactions, drug adverse effects, malaria, cancer and malignancies and psycho/neuropharmacology, Good Clinical Practice (GCP), Good Laboratory Practice (GLP). Practicals are as per study guide.

Medical biostatistics 700 (MBS 700)

Module credits	20.00
NQF Level	08
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 1

Applied research methodology 700 (TNM 700)

Module credits	0.00
NQF Level	08
Language of tuition	Module is presented in English
Department	School of Medicine
Period of presentation	Semester 1

Module content

*Attendance module only.

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.