

# University of Pretoria Yearbook 2021

## 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 weighted average of at least 60% in Pharmacology at final-year level

### 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 Regulations.

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## 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)

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

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

#### Applied research methodology 700 (TNM 700)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 0.00                           |
| <b>NQF Level</b>              | 08                             |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Department</b>             | School of Medicine             |
| <b>Period of presentation</b> | Semester 1                     |

#### Module content

\*Attendance module only.

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.