



University of Pretoria Yearbook 2023

BScHons (Human Physiology) (10243027)

Department Physiology

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:

- Advanced instruction by means of self-tuition and four compulsory seminars of which at least one must be read to and defended before the department in question, on topics assigned to the student.
- 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.
- Successful completion of the prescribed module (MBS 700) Medical biostatistics 700.
- Taking part in a research project and presentation of an independent research report.
- Satisfactory attendance at a library-user course.

Admission requirements

1. Relevant bachelor's (or equivalent) degree
2. A weighted average of at least 60% in Physiology 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 Academic Regulations G16-G29.

Examinations and pass requirements

1. The examination at the end of the programme will consist of two written papers of three hours each as well as an oral examination of 30 minutes.
2. To comply with the pass requirements for the degree, a student must obtain a final mark of at least 50% in each division as indicated, as well as a pass mark of at least 50% for the essay/work assignment (if applicable). The stipulations regarding pass requirements for dissertations in the General Academic Regulations apply mutatis mutandis to essays.



3. Also consult General Academic Regulation G18 regarding Renewal of registration.

Pass with distinction

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the examination of the core module, MFG 777 (written, oral presentation, practical, etc.).



Curriculum: Final year

Minimum credits: 120

Core modules

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

Module content

The role of statistics and the data analysis process, collecting data sensibly, graphical methods for describing data, numerical methods for describing data, summarizing bivariate data, probability, random variables and probability distributions, sampling variability and sampling distributions, estimation using a single sample, hypothesis testing using a single sample, comparing two populations or treatments, the analysis of categorical data and goodness-of-fit tests, simple linear regression and correlation: inferential methods, multiple regression analysis, analysis of variance, nonparametric (distribution-free) statistical methods. This course is designed as a statistics building block for a non-statistics major postgraduate student at master's level.

Human physiology 777 (MFG 777)

Module credits	100.00
NQF Level	08
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Physiology
Period of presentation	Year

Module content

Basic physiology knowledge, and specialised projects in Departmental research focus areas. This module includes 30 research credits.

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.