University of Pretoria Yearbook 2023

BComHons (Mathematical Statistics) (07240244)

Department	Statistics
Minimum duration of study	1 year
Total credits	135
NQF level	08

Admission requirements

1. Bachelor's degree with mathematical statistics **or** relevant bachelor's degree
2. A weighted average of at least 65% for Mathematical Statistics at final-year level
3. An admission examination may be required

Note: Additional modules may be required in order to reach the desired level of competency

Other programme-specific information

Details of compilation of curriculum are available from the Head of the Department of Statistics as well as from the departmental postgraduate brochure.

A candidate must compile his/her curriculum in consultation with the head of department or his representative. It is also possible to include postgraduate modules from other departments. Refer to the Departmental website for further information.

Examinations and pass requirements

Subject to the provisions of General Academic Regulation G26, a head of department determines, in consultation with the Dean when the honours examinations in his/her department will take place, provided that:

- honours examinations which do not take place before the end of the academic year must take place before the closing date of the special exam period in the beginning of the following academic year, and all examination results must be submitted to Student Administration before the closing date of submission of marks; and
- honours examinations which do not take place before the end of the first semester may take place no later than the closing date of the exam period, and all examination results must be submitted to Student Administration on or before the closing date of submission of marks.

The head of the department determines:

- whether a candidate will be admitted to a supplementary examination, provided that a supplementary examination is granted, only once in a maximum of two prescribed semester modules or once in one year module.
- the manner in which research reports are prepared and examined in his/her department.

Supplementary examinations (if granted) cover the same subject matter as was the case for the examinations. A student may not enrol for the same module more than once, unless the dean has approved a second enrolment based on an application supported by a valid reason or motivation. Also refer to General Academic Regulation G18.3.

NB: Full details are published in each department's postgraduate information brochure, which is available from the relevant head of department. The minimum pass mark for a research report is 50%.

Subject to the provisions of G26, the subminimum required in subdivisions of modules is published in the study guides, which are available from the relevant head of department.

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

Choose five modules from the list of electives.

Core modules

Linear models 710 (LMO 710) - Credits: 15.00
Multivariate analysis 710 (MVA 710) - Credits: 15.00
Research orientation 796 (STK 796) - Credits: 0.00
Research report: Mathematical statistics 795 (WST 795) - Credits: 30.00

Elective modules

Introduction to statistical learning 720 (EKT 720) - Credits: 15.00
Text and behavioural analytics 725 (EKT 725) - Credits: 15.00
Linear models 720 (LMO 720) - Credits: 15.00
Multivariate analysis 720 (MVA 720) - Credits: 15.00
Parametric stochastic processes 720 (PNP 720) - Credits: 15.00
Sampling techniques 720 (SFT 720) - Credits: 15.00
Simulation and computation 710 (STC 710) - Credits: 15.00
Capita selecta: Statistics 720 (STC 720) - Credits: 15.00
Distribution-free methods 710 (VMT 710) - 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.

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