



# University of Pretoria Yearbook 2024

## BScHons *Mathematical Statistics* (02240192)

**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

### Promotion to next study year

The progress of all honours candidates is monitored biannually by the postgraduate coordinator/head of department. A candidate's study may be terminated if the progress is unsatisfactory or if the candidate is unable to finish his/her studies during the prescribed period.

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## Curriculum: Final year

### Minimum credits: 135

Core credits: 60

Elective credits: 75

### 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

[Linear mixed models 781](#) (STK 781) - Credits: 15.00

[Distribution-free methods 710](#) (VMT 710) - Credits: 15.00

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### General Academic Regulations and Student Rules

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. The G Regulations are updated annually and may be amended after the publication of this information.

### Regulations, degree requirements and information

The faculty regulations, information on and requirements for the degrees published here are subject to change and may be amended after the publication of this 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 (HEQSF) 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.