

# University of Pretoria Yearbook 2022

## 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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