University of Pretoria Yearbook 2020

BComHons Mathematical Statistics (07240244)

Minimum duration of study	1 year
Total credits	135
NQF level	08
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Admission requirements

- Relevant BCom degree with an average of at least 65% in Mathematical Statistics or equivalent at 3rd year level.

Note:

- Student numbers are limited to a maximum of 40, collectively over all honours programmes in the Department of Statistics.
- Historical performance during prior studies will also be considered in selecting students. Specific attention will be given to modules repeated and duration of study.
- A compulsory language proficiency test must be completed at the University of Pretoria. The Departmental Postgraduate Selection Committee will facilitate the test through the university's language unit. Based on the outcome, a student may be required to do additional language courses.

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

In calculating marks, General Regulation G12.2 applies.
Subject to the provisions of General Regulation G.26, a head of department determines, in consultation with the Dean

- when the honours examinations in his/her department will take place, provided that:

i. honours examinations which do not take place before the end of the academic year must take place no later than 18 January of the following year, and all examination results must be submitted to Student Administration by 25 January; and
ii. honours examinations which do not take place before the end of the first semester may take place no later than 15 July, and all examination results must be submitted to Student Administration on or before 18 July.

- 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;
- supplementary examinations (if granted) cover the same subject matter as was the case for the examinations;
- NB: For the purpose of this provision, the phrase "not sit for an examination more than twice in the same subject" as it appears in General Regulation G.18.2, implies that a candidate may not be admitted to an examination in a module, including a supplementary examination, more than three times.
- the manner in which research reports are prepared and examined in his/her department.

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%. The provisions regarding pass requirements for dissertations contained in General Regulation G.12.2 apply mutatis mutandis to research reports.

Subject to the provisions of General Regulation G.12.2.1.3, the subminimum required in subdivisions of modules is published in the study guides, which is available from the relevant head of department.

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