

University of Pretoria Yearbook 2020

BComHons Statistics and Data Science (07240062)

Minimum duration of study	1 year
Total credits	120
NQF level	08
Contact	Prof IN Fabris-Rotelli inger.fabris-rotelli@up.ac.za +27 (0)124205420

Admission requirements

- Relevant BCom degree with an average of at least 65% in Statistics or equivalent on 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.

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: 120

All honours students in Statistics/Mathematical Statistics should enrol for STK 796 which is a compulsory but non-credit-bearing module. The satisfactory completion of this module is a prerequisite for embarking on the research component of the degree programme.

Select 2 modules from the list of electives.

Core modules

[Introduction to statistical learning 720](#) (EKT 720) - Credits: 15.00

[Multivariate techniques 720](#) (MET 720) - Credits: 15.00

[Regression analysis 780](#) (RAL 780) - Credits: 15.00

[Research report: Statistics 795](#) (STK 795) - Credits: 30.00

[Research orientation 796](#) (STK 796) - Credits: 0.00

Elective modules

[Text and behavioural analytics 725](#) (EKT 725) - Credits: 15.00

[Macroeconomics 780](#) (MEK 780) - Credits: 15.00

[Microeconomics 780](#) (MIE 780) - Credits: 15.00

[Sampling techniques 720](#) (SFT 720) - Credits: 15.00

[Statistical process control 780](#) (SPC 780) - 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

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.