

University of Pretoria Yearbook 2023

MCom (Statistics) *Advanced Data Analytics* (Coursework) (07250069)

Department Statistics

Minimum duration of study 1 year

Total credits 180

NQF level 09

Admission requirements

1. BComHons in Mathematical Statistics **or** relevant honours degree
2. A weighted average of at least 65% at honours level
3. At least 65% for the research component at honours level, but students with a weighted average of at least 70% or more will receive preference
4. 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

As long as progress is satisfactory, renewal of registration of a master's student will be accepted for a second year of study in the case of a full-time student. Renewal of registration for a third and subsequent years for a full-time student will only take place when Student Administration of the Faculty receives a written motivation (the required form can be obtained from the relevant head of department) that is supported by the relevant head of department and Postgraduate Studies Committee. Refer to General Academic Regulation G32.

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

Fundamental modules

Research orientation 899 (STK 899) - Credits: 0.00

Core modules

Mini-dissertation: Statistics 895 (STK 895) - Credits: 100.00

Elective modules

Statistical and machine learning 880 (MVA 880) - Credits: 20.00

Capita selecta: Statistics 880 (STK 880) - Credits: 20.00

Analysis of time series 880 (TRA 880) - Credits: 20.00

Data science: analytics and visualisation 880 (TRG 880) - Credits: 20.00

Cyber analytics 802 (WST 802) - Credits: 20.00

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.

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.