

University of Pretoria Yearbook 2023

PhD (Mathematical Statistics) (07267293)

Department Statistics

Minimum duration of study 2 years

Total credits 360

NQF level 10

Programme information

The degree comprises the writing of a thesis and an article for publication in a recognised scientific journal.

Admission requirements

1. Relevant master's degree with Statistics major
2. A cumulative weighted average of at least 65% for all modules at master's level
3. An average of 65% for the research component completed at master's level
4. An admission examination may be required

Note: Additional modules may be required in order to reach the desired level of competency.

Research information

The weight of the research component contributes 100% towards the total requirements for the degree.

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: Year 1

Minimum credits: 360

All doctoral students in Statistics/Mathematical Statistics should enrol for STK 911 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.

Core modules

Research orientation 911 (STK 911)

| | |
|-------------------------------|---|
| Module credits | 0.00 |
| NQF Level | 10 |
| Service modules | Faculty of Economic and Management Sciences |
| Prerequisites | No prerequisites. |
| Contact time | Ad Hoc |
| Language of tuition | Module is presented in English |
| Department | Statistics |
| Period of presentation | Year |

Module content

A compulsory bootcamp must be attended as part of this module – usually presented during the last week of January each year. Details regarding the venue and specific dates are made available by the department each year. The bootcamp will cover the basics of research to prepare the student for the research component of their degree. Students can be exempt from the bootcamp if it has already been attended in a previous year or for a previous degree. Each year of registration for the doctoral degree will also require the attendance of three departmental seminars. Students should ensure that their attendance is recorded by the postgraduate co-ordinator present at the seminars. The department approves the seminars attended.

Thesis: Statistics 990 (STK 990)

| | |
|-------------------------------|--------------------------------|
| Module credits | 360.00 |
| NQF Level | 10 |
| Prerequisites | No prerequisites. |
| Language of tuition | Module is presented in English |
| Department | Statistics |
| Period of presentation | Year |

Curriculum: Final year

Minimum credits: 360

Core modules

Thesis: Statistics 990 (STK 990)

| | |
|-------------------------------|--------------------------------|
| Module credits | 360.00 |
| NQF Level | 10 |
| Prerequisites | No prerequisites. |
| Language of tuition | Module is presented in English |
| Department | Statistics |
| Period of presentation | Year |

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.

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