University of Pretoria Yearbook 2023

Statistics 110 (STK 110)

Qualification	Undergraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	13.00
NQF Level	05
Programmes	BAdmin (Public Management and International Relations)
	BCom
	BCom (Accounting Sciences)
	BCom (Agribusiness Management)
	BCom (Business Management)
	BCom (Economics)
	BCom (Financial Sciences)
	BCom (Human Resource Management)
	BCom (Informatics) Information Systems
	BCom (Investment Management)
	BCom (Law)
	BCom (Marketing Management)
	BCom (Supply Chain Management)
	BCom *Statistics*
	Bachelor of Information Technology (Information Systems) [BIT]
	Bachelor of Town and Regional Planning [BTRP]
	BSc (Computer Science)
	BSc (Construction Management)
	BSc (Information and Knowledge Systems)
	BSc (Quantity Surveying)
	BSc (Real Estate)
	BA
	BA *Philosophy, Politics and Economics*
	Bachelor of Consumer Science (Clothing Retail Management) [BConSci]

	Bachelor of Consumer Science (Food Retail Management) [BConSci]
	Bachelor of Consumer Science (Hospitality Management) [BConSci]
	BSc (Geoinformatics)
	BSc (Meteorology)
Service modules	Faculty of Engineering, Built Environment and Information Technology
	Faculty of Education
	Faculty of Humanities
	Faculty of Natural and Agricultural Sciences
Prerequisites	At least 5 (60-69%) in Mathematics in the Grade 12 examination. Candidates who do not qualify for STK 110 must register for STK 113 and STK 123
Contact time	1 practical per week, 1 tutorial per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 1

Module content

Descriptive statistics:
Sampling and the collection of data; frequency distributions and graphical representations. Descriptive measures of location and dispersion.
Probability and inference:
Introductory probability theory and theoretical distributions. Sampling distributions. Estimation theory and hypothesis testing of sampling averages and proportions (one and two-sample cases). Supporting mathematical concepts. Statistical concepts are demonstrated and interpreted through practical coding and simulation within a data science framework.

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.