

University of Pretoria Yearbook 2016

Statistics 110 (STK 110)

Qualification Undergraduate

Faculty Faculty of Economic and Management Sciences

Module credits 13.00

Programmes BAdmin Public Management

BCom Accounting Sciences

BCom Agribusiness Management

BCom Business Management

BCom Communication Management

BCom Economic and Management Sc

BCom Economics

BCom Entrepreneurship

BCom Financial Sciences

BCom Human Resource Management

BCom Informatics: Information Systems

BCom Investment Management

BCom Law

BCom Marketing Management

BCom Option: Supply Chain Management

BCom Recreation and Sports Management

BCom Statistics

BEd Senior Phase and Further Education and Training Teaching

BSc (Construction Management) Construction Management (3Years)

BSc Information Technology Information and Knowledge Systems

BSc Real Estate

BSc(Computer Science) Computer Science

BSc: Quantity Surveying (3Yrs) Quantity Surveying

BTown and Regional Planning Town and Regional Planning

BA Option: Sport and Recreation Management

BSocSci Option: Philosophy, Politics and Economics

BConsumer Science Clothing: Retail Management

BConsumer Science Foods: Retail Management

BConsumer Science Hospitality Management

BSc Applied Mathematics

BSc Geoinformatics

BSc Physics

BScAgric Agricultural Economics: Agribusiness Management

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 tutorial per week, 1 practical per week, 3 lectures per week

Language of tuition

Both Afr and Eng

Academic organisation

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). Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

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