

University of Pretoria Yearbook 2017

Capita selecta: Statistics 880 (STK 880)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	20.00
Programmes	MCom Mathematical Statistics (Coursework) MCom Statistics (Coursework) MSc Mathematical Statistics (Coursework)
Service modules	Faculty of Natural and Agricultural Sciences
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 other contact session per week
Language of tuition	Module is presented in English
Academic organisation	Statistics
Period of presentation	Semester 1 or Semester 2

Module content

The module is primarily an article based on and covers the most recent literature that discusses the developments and research in, for example, Shewhart charts, Exponentially Weighted Moving Average (EWMA) charts, Cumulative Sum (CUSUM) charts, Q-charts, Parametric and Nonparametric charts, Univariate and Multivariate charts, Phase I and Phase II control charts, profile monitoring and other research topics.

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