



University of Pretoria Yearbook 2020

Mathematical statistics 111 (WST 111)

Qualification	Undergraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	16.00
Programmes	BCom BCom Econometrics BCom Statistics BCom Statistics and Data Science BSc Computer Science BSc Information and Knowledge Systems BSc Actuarial and Financial Mathematics BSc Applied Mathematics BSc Mathematical Statistics BSc Mathematics BSc Meteorology BSc Physics
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Economic and Management Sciences Faculty of Natural and Agricultural Sciences
Prerequisites	At least 5 (60-69%) in Mathematics in the Grade 12 examination
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 1

Module content

Characterisation of a set of measurements: Graphical and numerical methods. Random sampling. Probability theory. Discrete and continuous random variables. Probability distributions. Generating functions and moments.

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