



University of Pretoria Yearbook 2021

Mathematical statistics 111 (WST 111)

Qualification Undergraduate

Faculty [Faculty of Economic and Management Sciences](#)

Module credits 16.00

NQF Level 05

Programmes [BCom](#)

[BCom Econometrics](#)

[BCom Statistics and Data Science](#)

[BSc Computer Science](#)

[BSc Information and Knowledge Systems](#)

[BSc Actuarial and Financial Mathematics](#)

[BSc Applied Mathematics](#)

[BSc Chemistry](#)

[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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