

University of Pretoria Yearbook 2021

Statistics 210 (STK 210)

Qualification Undergraduate

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

Module credits 20.00

NQF Level 06

Programmes [BCom](#)

[BCom Economics](#)

[BCom Informatics Information Systems](#)

[BCom Investment Management](#)

[BCom Law](#)

[BCom Statistics and Data Science](#)

[BIT Information Systems](#)

[BSc Computer Science](#)

[BSc Information and Knowledge Systems](#)

[BSocSci Philosophy, Politics and Economics](#)

[BScAgric Agricultural Economics and Agribusiness Management](#)

Service modules Faculty of Engineering, Built Environment and Information Technology
Faculty of Humanities

Faculty of Natural and Agricultural Sciences

Prerequisites STK 110, STC 122 or WST 111, WST 121

Contact time 1 practical per week, 3 lectures per week

Language of tuition Module is presented in English

Department Statistics

Period of presentation Semester 1

Module content

Statistical problem solving. Causality, experimental and observational data. Probability theory. Multivariate random variables. Discrete and continuous probability distributions. Stochastic representations. Measures of association. Expected values and conditional expectation. Simulation techniques. Supporting mathematical concepts. Statistical concepts are demonstrated and interpreted through practical coding and simulation within a data science framework.



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