

University of Pretoria Yearbook 2016

Statistics 310 (STK 310)

Qualification Undergraduate

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

Module credits 25.00

Programmes [BCom Economic and Management Sc](#)

[BCom Economics](#)

[BCom Informatics: Information Systems](#)

[BCom Law](#)

[BCom Statistics](#)

[BScAgric Agricultural Economics: Agribusiness Management](#)

Service modules Faculty of Humanities

Prerequisites STK 210, STK 220

Contact time 1 practical per week, 3 lectures per week

Language of tuition English

Academic organisation Statistics

Period of presentation Semester 1

Module content

Regression analysis: simple and multiple regression; nonlinear regression; correlation and the use of dummy variables. Multivariate distributions: normal, multinomial and poisson distribution. Linear combinations of normal variables. Analysis of variance and covariance. Categorical data analysis. Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

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