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# University of Pretoria Yearbook 2016

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## 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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