

# University of Pretoria Yearbook 2017

## Statistics 310 (STK 310)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Economic and Management Sciences</a>
<b>Module credits</b>	25.00
<b>Programmes</b>	<a href="#">BCom</a>
	<a href="#">BCom Economics</a>
	<a href="#">BCom Informatics Information Systems</a>
	<a href="#">BCom Law</a>
	<a href="#">BCom Statistics</a>
	<a href="#">BScAgric Agricultural Economics and Agribusiness Management</a>
<b>Service modules</b>	Faculty of Humanities
<b>Prerequisites</b>	STK 210, STK 220
<b>Contact time</b>	1 practical per week, 3 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Statistics
<b>Period of presentation</b>	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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