



# University of Pretoria Yearbook 2017

## Statistics 210 (STK 210)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Economic and Management Sciences</a>
<b>Module content</b>	Counting techniques. Probability theory: Sample spaces, events, rules of probability, conditional probabilities, independent events and Bayes' theorem. Probability distributions and probability densities: cumulative distribution functions, marginal distributions, joint distributions, conditional distributions and independence. Expected values: Moments, Chebyshev's theorem, moment-generating functions, product moments, moments of linear combinations of random variables and conditional expectations. Transformation techniques of random variables. Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.
<b>Module credits</b>	20.00
<b>Programmes</b>	<a href="#">BCom</a> <a href="#">BCom Agribusiness Management</a> <a href="#">BCom Economics</a> <a href="#">BCom Informatics Information Systems</a> <a href="#">BCom Investment Management</a> <a href="#">BCom Law</a> <a href="#">BCom Statistics</a> <a href="#">BSc Information and Knowledge Systems</a> <a href="#">BSocSci Philosophy, Politics and Economics</a> <a href="#">BScAgric Agricultural Economics and Agribusiness Management</a>
<b>Service modules</b>	Faculty of Engineering, Built Environment and Information Technology Faculty of Humanities Faculty of Natural and Agricultural Sciences
<b>Prerequisites</b>	STK 110, STK 120
<b>Contact time</b>	3 lectures per week, 1 practical per week
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Statistics
<b>Period of presentation</b>	Semester 1



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