Mathematical statistics 121 (WST 121)

Qualification	Undergraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	16.00
Programmes	BCom Econometrics
	BCom Statistics
	BSc Information Technology Information and Knowledge Systems
	BSc(Computer Science) Computer Science
	BSc Actuarial and Financial Mathematics
	BSc Applied Mathematics
	BSc Extended programme - Mathematical Sciences
	BSc Mathematical Statistics
	BSc Mathematics
	BSc Physics
Service modules	Faculty of Engineering, Built Environment and Information Technology
	Faculty of Economic and Management Sciences
	Faculty of Natural and Agricultural Sciences
Prerequisites	WST 111 GS or WST 133, 143 and 153
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Both Afr and Eng
Academic organisation	Statistics
Period of presentation	Semester 2

Module content

Sampling distributions and the central limit theorem. Statistical inference: Point and interval estimation. Hypothesis testing with applications in one and two-sample cases. Introductory methods for: Linear regression and correlation, analysis of variance, categorical data analysis and non-parametric statistics. Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

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familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.