

University of Pretoria Yearbook 2022

Statistics for teachers 220 (JGI 220)

Qualification	Undergraduate
Faculty	Faculty of Education
Module credits	13.00
NQF Level	07
Programmes	BEd (Intermediate Phase Teaching) BEd (Senior Phase and Further Education and Training Teaching)
Prerequisites	WTW 133, 144 OR 134 OR 114
Contact time	1 practical per week, 1 tutorial per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 2

Module content

Descriptive statistics:

Sampling and the collection of data in the educational environment; frequency distributions and graphical representations. Descriptive measures of location and dispersion.

Probability and inference:

Introductory probability theory and theoretical distributions. Sampling distributions. Estimation theory and hypothesis testing of sampling averages and proportions (one and two-sample cases). Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

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