

University of Pretoria Yearbook 2021

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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