

University of Pretoria Yearbook 2022

Statistics for biological sciences 780 (BME 780)

Qualification	Postgraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	15.00
NQF Level	08
Programmes	BScAgricHons Crop Science BScHons Bioinformatics BScHons Entomology BScHons Medicinal Plant Science BScHons Meteorology BScHons Plant Science BScHons Soil Science - Environmental Soil Science BScHons Wildlife Management BScHons Zoology
Service modules	Faculty of Natural and Agricultural Sciences
Prerequisites	No prerequisites.
Contact time	2 Block weeks
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 1

Module content

The principles of experimental design as required for the selection of an appropriate research design. Identification of the design limitations and the impact thereof on the research hypotheses and the statistical methods. Identification and application of the appropriate statistical methods needed. Interpreting of statistical results and translating these results to the biological context.

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