

# University of Pretoria Yearbook 2020

## Statistics for biological sciences 780 (BME 780)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	Faculty of Economic and Management Sciences
<b>Module credits</b>	15.00
<b>Programmes</b>	BScHons Bioinformatics BScHons Entomology BScHons Geography and Environmental Science BScHons Medicinal Plant Science BScHons Meteorology BScHons Plant Science BScHons Soil Science Environmental Soil Science BScHons Wildlife Management BScHons Zoology
<b>Service modules</b>	Faculty of Natural and Agricultural Sciences
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 Block weeks
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Statistics
<b>Period of presentation</b>	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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