

# University of Pretoria Yearbook 2016

## Biostatistics in veterinary science 852 (EPL 852)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	Faculty of Veterinary Science
<b>Module credits</b>	20.00
<b>Programmes</b>	<a href="#">MSc Option: Ruminant Health (Coursework)</a> <a href="#">MSc Option: Veterinary Epidemiology (Coursework)</a> <a href="#">MVeterinary Medicine Bovine Medicine (Coursework)</a> <a href="#">MVeterinary Medicine Cattle Herd Health</a> <a href="#">MVeterinary Medicine Laboratory Animal Science</a> <a href="#">MVeterinary Medicine Pharmacology</a> <a href="#">MVeterinary Medicine Pig Herd Health</a> <a href="#">MVeterinary Medicine Poultry Diseases (Coursework)</a> <a href="#">MVeterinary Medicine Small Stock Herd Health</a> <a href="#">MVeterinary Medicine Toxicology</a> <a href="#">MVeterinary Medicine Veterinary Public Health (Coursework)</a> <a href="#">MVeterinary Medicine Wildlife Diseases</a>
<b>Prerequisites</b>	BVSc or equivalent qualification and Grade 12 Mathematics.
<b>Contact time</b>	2 seminars per week
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Production Animal Studies
<b>Period of presentation</b>	Semester 1

### Module content

This module provides the student with a foundation in basic statistical methods commonly used by postgraduate students in veterinary science. It covers statistical building blocks, confidence intervals, hypothesis testing, chi-square procedures, regression and correlation, paired and pooled t-tests, analysis of variance and non-parametric tests.

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