

University of Pretoria Yearbook 2016

Biostatistics in veterinary science 852 (EPL 852)

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