

University of Pretoria Yearbook 2016

Veterinary public health: Environmental health and biosecurity 884 (VPH 884)

Qualification	Postgraduate
Faculty	Faculty of Veterinary Science
Module credits	40.00
Programmes	MSc Option: Ruminant Health (Coursework)
	MSc Option: Veterinary Epidemiology (Coursework)
	MSc Option: Veterinary Public Health
	MVeterinary Medicine Bovine Medicine (Coursework)
	MVeterinary Medicine Cattle Herd Health
	MVeterinary Medicine Laboratory Animal Science
	MVeterinary Medicine Pig Herd Health
	MVeterinary Medicine Poultry Diseases (Coursework)
	MVeterinary Medicine Small Stock Herd Health
	MVeterinary Medicine Veterinary Public Health (Coursework)
	MVeterinary Medicine Wildlife Diseases
Prerequisites	No prerequisites.
Contact time	10 practicals per week
Language of tuition	English
Academic organisation	Paraclinical Sciences
Period of presentation	Year

Module content

A coherent and critical understanding and application of the theory and research methodologies and techniques relevant to control of zoonoses of environmental origin, biosecurity relating to food of animal origin and management of disasters and emergencies involving animals and animal products, safe collection and disposal of animal carcasses, condemned meat or other animal products and animal wastes. The prevention, control and impact assessment of pollution by livestock production or industries, population control of animals in rural and urban environments to prevent zoonoses, occupational health of veterinary staff, management of the veterinary public health aspects of disasters and emergencies, evaluation of human-animal interactions and their impact on human health including animal facilitated therapy. An understanding of appropriate national and international legislation and how these relate to industry or public health (including ability to select and apply research methods effectively). Ability must be shown to rigorously critique and evaluate current research and participate in scholarly debates in this area of specialisation. Ability must be demonstrated to relate theory to practice and vice versa and to think epistemologically.

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