

University of Pretoria Yearbook 2020

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

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| Qualification | Postgraduate |
| Faculty | Faculty of Veterinary Science |
| Module credits | 40.00 |
| Prerequisites | No prerequisites. |
| Contact time | 10 practicals per week, 5 web-based periods per week |
| Language of tuition | Module is presented in English |
| Department | 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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