



VETERINARY PUBLIC HEALTH STUDY OPTIONS 2012

CONTINUING PROFESSIONAL DEVELOPMENT

Upgrade your technical skills in specific areas and earn points for Continuing Professional Development or credit them towards a full-fledged degree program later...

Courses in **Risk Analysis** and **Aquatic Animal Epidemiology** are available in 2012.



UPGRADE SKILLS & CONVERT TO DEGREE

Skill Development and Non-award Enrolment

Keen to upgrade your skills in risk analysis and aquatic-related epidemiology? Want to find out if veterinary public health is the field for you? Is a Masters degree too big a commitment at this stage? Need to further your technical training for specific animal health work or career development?

You will be pleased to know that single units of study from the Veterinary Public Health Management or Veterinary Public Health program can be undertaken in a specific skill area without enrolling in a degree. This is known as non-award enrolment. There is no time restriction or limit to the number of units you can do in non-award enrolment.

Conversion to Full Degree

If you decide to complete further study later, these units of study can be credited towards a full degree program.



HOW DO THE COURSES RUN?

We understand that life as an animal health professional can be hectic. That's why all our units of study are designed for people who are working full time. An expert in each subject teaches each unit in an interactive online classroom, where you will also discuss issues with colleagues from across Australia and around the world. Most units of study are fully online and run over 7 weeks. All you need is a good computer and reliable internet access.

WHAT PRIOR KNOWLEDGE DO I NEED?

Most participants have an undergraduate degree in veterinary science, animal science or equivalent. If you do not specifically have this, but work in a relevant area, you may be able to enrol on this basis. Each unit of study assumes some prior knowledge, which is outlined on the VPHMgt website at: sydney.edu.au/vetscience/publichealth_management

You may be surprised to find you may already possess some of the assumed knowledge required to undertake the unit. Alternatively, we encourage you to contact us personally to further discuss your study options.

WHAT IS THE COST?

The units of study listed here are each worth 3 credit points and run over 7 weeks.

7-week units of study cost AU\$1,755 for Australian participants, and AU\$1,935 for internationals.

Deferring fee payments via FEE-HELP is also available to Australian participants.

For more information on FEE-HELP, please visit:

<http://studyassist.gov.au/sites/studyassist/help-payingmyfees/fee-help/pages/fee-help>



AREAS OF STUDY

Course Dates

5 March - 29 April 2012

- Risk Analysis

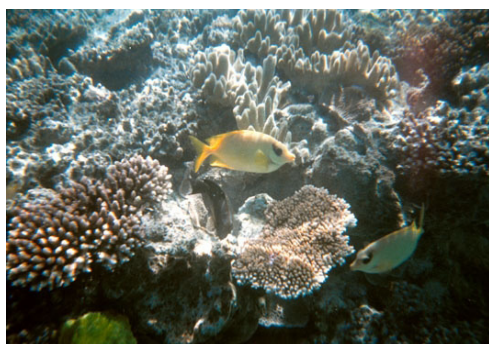
7 May - 24 June 2012

- Aquatic Animal Epidemiology

UNIT OUTLINE

Risk Analysis

This course will enable you to apply the terminology and major concepts, principles and techniques used in risk management in the context of animal health, science and production; analyse and evaluate the main approaches to risk management in animal health; evaluate the strengths and weaknesses of tools used in risk management; synthesise the tasks and issues associated with risk management and develop an understanding of and approach towards effective risk communication.



Aquatic Animal Epidemiology

This unit builds on skills you may have already learnt in epidemiology. It equips you to be able to apply epidemiological concepts to farmed and wild aquatic animals; to critically explain, design, analyse, discuss and evaluate survey results and issues relevant to the study of aquatic animal diseases.



WHO RUNS THE UNITS?

Sam Beckett (BVSc, Masters in Veterinary Epidemiology, PhD) will run the Risk Analysis unit of study. He is a risk analyst and epidemiologist, with a background in animal and public health and biosecurity. Originally trained as a veterinarian, he is also a Member of, and Head Examiner in Epidemiology for, the Australian College of Veterinary Scientists. During his career, he has drafted Australia's Guidelines for Import Risk Analysis



in Biosecurity Australia; provided risk management and epidemiology consulting to Australian governments and industry as Associate Director in Broadleaf Capital International; and reviewed US methods for import risk analysis and spatial simulation models for animal disease spread and control for the United States Department of Agriculture (USDA), in Fort Collins, Colorado.

Edmund Peeler, (BVSc, PhD in Epidemiology) who will co-facilitate the Aquatic Animal Epidemiology unit with Sophie St Hillaire, is an epidemiologist at the Centre for Environment, Fisheries and Aquaculture Science (CEFAS). He is responsible for advice to the UK government on fish health policy, import risk analysis for exotic fish pathogens and the development of contingency plans for aquatic animal diseases. He is also interested in developing the role of epidemiology and risk analysis in the study of fish disease in the UK.



Sophie St Hillaire, (BVSc, MSc, PhD in Epidemiology) has worked with aquatic animals as a veterinarian and researcher for over 10 years in Canada, England and the United States. Her research interests include parasitic, bacterial and viral problems in salmonid and cyprinid fish populations. More recently she has worked on amphibian diseases as well.



FACULTY OF
VETERINARY
SCIENCE



THE UNIVERSITY OF
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