The Veterinary Public Health (VPH) program is designed for the very busy and scientifically inclined animal health professional. This program allows you to develop advanced skills in veterinary epidemiology, biostatistics, advanced data analysis, animal health economics and a range of other related areas which will enable you to contribute to the public and economic health of society. It also provides interaction between animal health professionals working in many parts of the world on a range of relevant issues.

DEGREE OVERVIEW
The Veterinary Public Health program was specifically developed for animal health professionals who are unable to visit the Sydney campus and may be working full-time as well as studying. It focuses on the development of high-level technical skills by offering training in scientific and technical disciplines relevant to the prevention of animal disease outbreaks and the management of animal health. Offered in conjunction with the Veterinary Public Health Management program and the Faculty of Medicine’s Master of Public Health, the program allows you to develop advanced skills in veterinary epidemiology, biostatistics, advanced data analysis, animal health economics and a range of other related areas which will enable you to contribute to the public and economic health of society.

COURSE DELIVERY
The VPH program is delivered entirely through distance education, which allows flexible integration of your studies with your professional and personal lives. Students can complete the entire program without having to visit Sydney for classes.

DEGREE STRUCTURE
Graduate Certificate, Graduate Diploma and Master programs in Veterinary Public Health.
- Graduate Certificate in Veterinary Public Health
- Graduate Diploma in Veterinary Public Health
- Master of Veterinary Public Health

ONLINE STUDY
How does online study work?
You will study in small groups and interact with your colleagues and your facilitator via a web based classroom. There is no need to be online at a particular time - you can visit the classroom each week at times that suit you.

What do you need in order to study online?
To study online you need regular access to a computer with a reliable internet connection either at home, at the university, at work or at a local Internet Cafe.
Blackboard Learn requires the latest version of Sun JRE 6. The JRE can be downloaded from http://java.sun.com/javase/downloads/index.jsp.

SETTING ASIDE STUDY TIME
You should be prepared to spend a minimum of 75 hours studying each 3-credit point unit of study. Some units are studied online over a 7-week period which equates to around 10-11 hours per week. Other 6-credit point units (e.g. Introductory Biostatistics) are completed with 14 weeks of online study which equates to about 10-15 hours per week.
In addition to the generic attributes of the University of Sydney, graduates of the Veterinary Public Health Program will have the following attributes:

**Technical Skills**
- Apply understanding of specific topics in the program (including epidemiological principles, zoonoses, food safety, animal health economics and policy development) to existing and emerging issues in animal health
- Apply detailed knowledge and understanding of each selected elective topic by application to current issues in the relevant field and to problem solving within their work setting

**Research Skills**
Graduates of the Master of Veterinary Public Health degree will have the following additional attributes:
- Conduct veterinary research in a highly professional and ethical manner
- Write, publish and report research methods and results, either collaboratively or individually, across disciplines and across geographical boundaries.

**CAREER OPPORTUNITIES**
Completing the Master of Veterinary Public Health provides an excellent path to animal health careers that contribute to disease control, surveillance, biosecurity and research. Employment opportunities are available in diverse positions related to livestock, companion animals, wildlife or interacting with human health.

Career opportunities can include:
- Government agencies at regional, state and national levels
- Industry agencies serving livestock producers, animal owners, wildlife carers
- International agencies and non-government organisations serving human health and animal health and welfare
- Education and research institutions
- Pharmaceutical and ancillary companies

**COURSE FEES**
The VPHMgt program is a fee-paying postgraduate course. You may choose to pay your fees up-front or, if you are an Australian student, apply for a loan through FEE-HELP. Only Australian citizens and holders of a permanent humanitarian visa are eligible for FEE-HELP assistance.

**2014 Fees**
The fees for local students in 2014 are as follows: $1937.50 per 3 credit point unit of study, or $3,875 per 6-credit point unit of study
The fees for international offshore students are: $2143.74 per 3 credit point unit of study, or $4287.50 per 6-credit point unit of study

**ADMISSION PROCESS**
How do I apply?
If you would like to apply for the program, go to the link http://sydney.edu.au/vetscience/future_students/apply.shtml, select “Domestic Applicants” or “International Applicants” button, then select your choice of course from the list under “Postgraduate Coursework”. The Postgraduate Coursework Office will contact you by email after the online application has been completed with an update on the status of your application. You are welcome to contact the office at any time to discuss your application or for more information about the program.

**Entry requirements**
You will need to meet entry requirements before being admitted to the program you apply for.

Entry requirements for the three courses in the Veterinary Public Health Management Program are as follows:

**Graduate Certificate in Veterinary Public Health (GradCertVPH)**
- Bachelors degree in veterinary science, animal science or equivalent,

**OR**
- Minimum of 4 years work experience in a relevant discipline with approval of the Dean.

**Graduate Diploma in Veterinary Public Health (GradDipVPH)**
- Bachelors degree in veterinary science, animal science or
equivalent; OR

- Graduate Certificate in Veterinary Public Health.

**Master of Veterinary Public Health (MVPH)**

- Bachelors degree with Honours in veterinary science, animal science or equivalent.

**ENGLISH PROFICIENCY REQUIREMENTS**

Students who can provide proof that their previous tertiary studies were conducted entirely in the medium of English are not required to provide further proof of English proficiency. VPHMgt requires a minimum IELTS of 7.0 with Writing and Speaking bands of 7.0 OR TOEFL 600 plus TWE 5.0 OR Computer-based TOEFL 250 plus Essay Rating 5.0. For information on IELTS see [www.ielts.org](http://www.ielts.org)

**ENROLMENT**

Do I need to come to Sydney to enrol?

No, the Postgraduate Coursework Office will ask you to fill in a form authorising them to act as your proxy for the enrolment process. In this way you can enrol in the program without having to come on-campus. You can also attend the on-campus enrolment if you wish.

**FLEXIBLE ENROLMENT AND TRANSFER OF CANDIDATURE**

We understand that many postgraduate students have work and family pressures on their time. The flexible delivery of this program allows you to enrol in as few units of study as you need in order to make your study manageable.

The full Master’s degree can be taken over a maximum of 8 semesters or more with permission from the Dean.

You will need to obtain a minimum Weighted Average Mark (WAM) of 70, in your first 24 credit points of study in VPHMgt to proceed to the full Masters program. In the unlikely event that you do not achieve this WAM, you can still graduate with a Graduate Diploma.

Many students find that they feel more comfortable enrolling in the Graduate Certificate or the Graduate Diploma in the first instance to see how they go in the early semesters before committing to the full Masters program.
"The Veterinary Public Health Program has given me an in-depth insight into a variety of disciplines within veterinary public health that I never became fully familiarised with during my BVSc degree. Amongst all these disciplines, I have now developed a strong interest in veterinary epidemiology and food safety. It has really opened up my mind and become a stepping stone to developing my career further."

JASON CHAN
VETERINARY OFFICER
HONG KONG GOVERNMENT

"Training in epidemiology, data analysis and animal health economics has provided me with the skills and the confidence to broaden my veterinary career. I feel like I’m at the ‘coal face’ of tackling some big issues, and I’m loving it!"

JAMES YOUNG
PROJECT OFFICER FOR
‘BEST PRACTICE HEALTH & HUSBANDRY OF CATTLE, CAMBODIA’
## VETERINARY PUBLIC HEALTH DEGREE STRUCTURE

<table>
<thead>
<tr>
<th>UNIT OF STUDY CODE &amp; NAME</th>
<th>CREDIT POINTS</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Units of Study</strong></td>
<td></td>
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</tr>
<tr>
<td>VETS7004 Veterinary Epidemiology 1</td>
<td>3</td>
<td>GradCertVPH</td>
</tr>
<tr>
<td>VETS7008 Hazards to Human and Animal Health</td>
<td>3</td>
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</tr>
<tr>
<td>PUBH5018 Introductory Biostatistics</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>VETS7005 Veterinary Epidemiology 2</td>
<td>3</td>
<td></td>
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<tr>
<td>VETS7009 Animal Health Economics</td>
<td>3</td>
<td></td>
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<tr>
<td>VETS7011 Data Analysis for Policy Making</td>
<td>3</td>
<td></td>
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<tr>
<td>VETS7016 Animal Health Data Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>VETS7021 Data Analysis for Epidemiological Research</td>
<td>3</td>
<td>GradDipVPH</td>
</tr>
<tr>
<td><strong>Research Project – 6 or 12 credit points</strong></td>
<td></td>
<td>MVPH</td>
</tr>
<tr>
<td>VETS7018 Research Paper A</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>VETS7019 Research Paper B</td>
<td>6</td>
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</tr>
<tr>
<td>MVPH students doing a 12 credit point dissertation (VETS7018 AND VETS7019) should select 9 credit points of electives from below list and students doing a 6 credit point dissertation (VETS7018 ONLY) should select 15 credit points of electives.</td>
<td></td>
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<tr>
<td><strong>GradDipVPHMgt students select 9 credit points from the following units of study</strong></td>
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<tr>
<td>VETS7012 Wildlife Epidemiology</td>
<td>3</td>
<td></td>
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<tr>
<td>VETS7013 Risk Analysis</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>VETS7014 Aquatic Epidemiology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>VETS7015 Surveillance, Preparedness and Response</td>
<td>3</td>
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</tr>
<tr>
<td>VETS7016 Animal Health Data Management</td>
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<td></td>
</tr>
<tr>
<td>VETS7017 Food Safety</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>VETS7020 Diagnostic Tests</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>VETS7025 Leadership People and Organisations</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>VETS7026 Leadership Managing Change</td>
<td>3</td>
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<tr>
<td>VETS7027 Project Management</td>
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<tr>
<td>VETS7028 Leadership Skills</td>
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</tbody>
</table>
### VETERINARY PUBLIC HEALTH PROGRESSION GUIDE

#### SAMPLE GUIDE 1
The Graduate Certificate of VPH and the Graduate Diploma of VPH taken over 3 semesters, the Master of VPH taken over 4 semesters (with a 6 credit point research paper and 12 credit point research paper consecutively)

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
<th>Semester 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazards to Human and Animal Health (weeks 1-7)</td>
<td>Elective 3 credit points GradDipVPH &amp; MasterVPH</td>
<td>Animal Health Data Management (weeks 8-14)</td>
<td>Research Paper A (weeks 1-14) MasterVPH</td>
</tr>
<tr>
<td>Introductory Biostatistics (weeks 1-14)</td>
<td>Animal Health Economics (weeks 8-14)</td>
<td>Electives 6 credit points GradDipVPH &amp; MasterVPH</td>
<td>Research Paper B (weeks 1-14) OR Electives, 6 credit points MasterVPH</td>
</tr>
<tr>
<td>Veterinary Epidemiology 1 (weeks 8-14)</td>
<td>Veterinary Epidemiology 2 (weeks 8-14)</td>
<td>Data Analysis for Policy Making (weeks 1-7)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Data Analysis for Epi Research (weeks 8-14) GradDipVPH &amp; MasterVPH</td>
</tr>
</tbody>
</table>

#### SAMPLE GUIDE 2
Alternate study pattern for the Graduate Certificate of VPH taken over 3 semesters

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazards to Human and Animal Health (weeks 1-7)</td>
<td>Veterinary Epidemiology 2 (weeks 8-14)</td>
<td>Introductory Biostatistics (weeks 1-14)</td>
</tr>
<tr>
<td>Veterinary Epidemiology 1 (weeks 8-14)</td>
<td>Animal Health Economics (weeks 8-14)</td>
<td>Animal Health Data Management (weeks 8-14)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Data Analysis for Policy Making (weeks 1-7)</td>
</tr>
</tbody>
</table>
VETERINARY PUBLIC HEALTH PROGRESSION GUIDE

SAMPLE GUIDE 3  The Graduate Diploma of VPH taken over 5 semesters, the Master of VPH taken over 6 semesters (with a 6 or 12 credit point research paper).

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
<th>Semester 4</th>
<th>Semester 5</th>
<th>Semester 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazards to Human and Animal Health (weeks 1-7)</td>
<td>Elective 3 credit points GradDipVPH &amp; MasterVPH</td>
<td>Animal Health Data Management (weeks 8-14)</td>
<td>Data Analysis for Epidemiology Research (weeks 8-14) GradDipVPH &amp; MasterVPH</td>
<td>Introductory Biostatistics (weeks 1-14)</td>
<td>Research Paper A (weeks 1-14) MasterVPH</td>
</tr>
<tr>
<td>Veterinary Epidemiology 1 (weeks 8-14)</td>
<td>Veterinary Epidemiology 2 (weeks 8-14)</td>
<td>Elective 6 credit points GradDipVPH &amp; MasterVPH</td>
<td>Animal Health Economics (weeks 8-14)</td>
<td>Data Analysis for Policy Making (weeks 1-7)</td>
<td>Research Paper B (weeks 1-14) OR Electives, 6 credit points MasterVPH</td>
</tr>
</tbody>
</table>

 SAMPLE GUIDE 4  Alternate study pattern for the Master of VPH taken over 4 semesters.

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
<th>Semester 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazards to Human and Animal Health (weeks 1-7)</td>
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<td>Research Paper A (weeks 1-14) MasterVPH</td>
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<tr>
<td>Introductory Biostatistics (weeks 1-14)</td>
<td>Veterinary Epidemiology 2 (weeks 8-14)</td>
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<td>Research Paper B (weeks 1-14) OR Electives, 6 credit points MasterVPH</td>
</tr>
<tr>
<td>Veterinary Epidemiology 1 (weeks 8-14)</td>
<td>Elective 3 credit points GradDipVPH &amp; MasterVPH</td>
<td>Elective 3 credit points GradDipVPH &amp; MasterVPH</td>
<td>Elective 3 credit points GradDipVPH &amp; MasterVPH</td>
</tr>
<tr>
<td>Data Analysis for Epidemiology Research (weeks 8-14) GradDipVPH &amp; MasterVPH</td>
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</tr>
</tbody>
</table>

For all enquiries please contact:

Emmeline Yeo or Meg Vost
Veterinary Public Health Postgraduate Program
Faculty of Veterinary Science
JD Stewart Building B01
The University of Sydney
NSW 2006, Australia
Ph: +61 2 9036 6364 Fax: +61 2 9351 3056
Email: vetvphmgt@sydney.edu.au
Website: http://sydney.edu.au/vetscience/vph