2019-2020 Curriculum Guide for Master of Public Health degree program with a specialization in VETERINARY PUBLIC HEALTH

The Master of Public Health (MPH) degree program is designed to provide students with the knowledge and skills for general and specialized applied public health practice, both in the public sector and in private sector careers related to population health. It includes courses within public health’s core disciplines of biostatistics, environmental health science, epidemiology, health behavior & health promotion, and health services management and policy. This broad training is complemented by the more in-depth course work within the specialization including a practicum and culminating experience.

Students admitted to the MPH degree program are assigned a faculty advisor who will provide guidance throughout the program. This document serves as a resource to be used by the student and the advisor in planning a program with a specialization in Veterinary Public Health (VPH), but is not inclusive of all important degree, college, and university requirements. All students are expected to be familiar with the College of Public Health (CPH) Graduate Student Handbook: http://cph.osu.edu/students/graduate/handbooks, the Graduate School Handbook http://www.gradsch.ohio-state.edu/ and the CPH competencies: https://go.osu.edu/cphcompetencies.

PROGRAM OF STUDY

Students may choose one from two possible tracks: General* or Epidemiology**. The General track is recommended for students with very little prior experience in the field of epidemiology. The curriculum for each track consists of a minimum of 45 credits organized into five curricular domains:

1. Foundation courses in areas of knowledge basic to public health (15-16 credits)
2. Required courses in the Specialization for both tracks (15-16 credits)
3. Elective courses approved for the specialization (10 credits)
4. Practicum (2 credits)
5. Culminating project (3 credits)

Public Health Foundation Courses (15-16 credits)

Every student in the MPH-VPH program must take the following courses in areas of knowledge basic to public health:

- **Biostatistics**
  - PUBHBIO 6210  
  - Design and Analysis of Studies in the Health Sciences  
  - 3 credits
- **Environmental Health Sciences**
  - PUBHEHS 6310  
  - Principles of Environmental Health Science  
  - 3 credits
- **Epidemiology**
  - PUBHEPI 6410
  - OR
  - PUBHEPI 6430  
  - Principles of Epidemiology *(for General Track)*  
  - 3 credits
  - Epidemiology I & Lab *(for Epidemiology Track)**  
  - 4 credits
- **Social and Behavioral Sciences**
  - PUBHHBP 6510  
  - Preventing Disease and Promoting Health through Behavioral Science  
  - 3 credits
- **Health Services Administration**
  - PUBHHMP 6610  
  - Introduction to Health Care Organization  
  - 3 credits

****Questions regarding the student's program of study should be directed to the advisor****
Required Courses in the Specialization (15-16 credits)

- VETPREV 7721 Epidemiology of Zoonotic Diseases 3 credits
- VETPREV 7722 Foodborne Diseases, Food Animal Production Systems and Food Safety 3 credits
- VETPREV 7723 Biosecurity, Emergency Response, and Outbreak Investigation 2 credits
- VETPREV 7724* Environmental Health at the Human-Animal Interface* 1 credit
- PUBHBIO 6211 Design Analysis in the Health Sciences II 3 credits

Select one course (depending on track):

<table>
<thead>
<tr>
<th>General Track*</th>
<th>VETPREV 7725 Veterinary Epidemiology 3 credits</th>
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<tr>
<td>or</td>
<td>Epidemiology Track**: PUBHEPI 7410 Epidemiology II &amp; Lab 4 credits</td>
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Practicum

- PUBHLTH 7189 Practicum in Public Health 2 credits

Approved Electives (10 credits minimum)

Students are advised to work with their advisor for approval of electives for the program.

Culminating Project

- VETPREV 7998 Culminating Project in Veterinary Public Health 3 credits

Sample Curriculum Plan for the Master of Public Health in Veterinary Public Health

(THIS IS ONE OPTION, STUDENTS ARE ADVISED TO CONSULT WITH THEIR ADVISOR FOR OTHER OPTIONS)

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Autumn</th>
<th>VETPREV 7721 Epidemiology of Zoonotic Diseases 3 credits</th>
<th>PUBHBIO 6210 Design and Analysis of Studies in the Health Sciences I 3 credits</th>
<th>PUBHEHS 6310 Principles of Environmental Health Science 3 credits</th>
<th>PUBHHBP 6510 Preventing Disease and Promoting Health through Behavioral Science 3 credits</th>
<th>PUBHEPI 6430 Epidemiology I &amp; Lab 4 credits</th>
<th>PUBHEPI 6410 Principles of Epidemiology 3 credits</th>
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<tr>
<td></td>
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<td>VETPREV 7722 Foodborne Diseases, Food Animal Production Systems &amp; Food Safety 3 credits</td>
<td>VETPREV 7723 Biosecurity, Emergency Response and Outbreak Investigation 2 credits</td>
<td>VETPREV 7724 Environmental Health at the Human-Animal Interface 1 credit</td>
<td>PUBHBIO 6211 Design and Analysis of Studies in the Health Sciences II 3 credits</td>
<td>PUBHMP 6610 Introduction to Health Care Organization 3 credits</td>
<td>VETPREV 7725 or VETPREV 7741 Veterinary Epidemiology or Epidemiology II &amp; Lab 4 credits</td>
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<td>or PUBHEPI 6410 Principles of Epidemiology 3 credits</td>
<td>or VETPREV 7724 Veterinary Epidemiology or Epidemiology II &amp; Lab 4 credits</td>
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<tr>
<th>Year 1</th>
<th>Spring</th>
<th>ELECTIVES To be selected and approved with the advisor 1-10 credits</th>
<th>PUBHLTH 7189 Practicum 2 credits</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>VETPREV 7998 Culminating Project in Veterinary Public Health 3 credits</td>
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Grade Policy:

In addition to the general Graduate School requirements of a cumulative grade point average of 3.0 or higher, students must meet specific college policies regarding grades in Foundation and specialization courses. Students should familiarize themselves with Section 11 of the College of Public Health Graduate Student Handbook.

Support Staff

College of Public Health - Office of Academic Programs and Student Services (OAPSS)

OAPSS staff are available to provide assistance with College, Graduate School and University policies and procedures.

(614) 292-8350/100 Cunz Hall/1841 Neil Ave/Columbus, Ohio/ 43210/cph.osu.edu

MPH-VPH Program Coordinator - Ivana Grozdic /College of Veterinary Preventive Medicine/A184 Sisson Hall/grozdic.3@osu.edu

*course pending university approval

****Questions regarding the student's program of study should be directed to the advisor****