

2021-2022 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 an applied practice experience and an integrative learning 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. MPH Integrated Foundational curriculum (12 credits)
2. Required courses in the Specialization for both tracks (18-19 credits)
3. Elective courses approved for the specialization (9-10 credits)
4. Applied Practice Experience (2 credits)
5. Integrative Learning Experience (3 credits)

MPH Integrated Foundational curriculum † (12 credits)

Every student in the MPH-VPH program must take the following MPH Integrated Foundational curriculum:

PUBHTLH 6001	Methods in Quantitative Data Analysis	4 credits
PUBHLTH 6002	History, Values and Essential Services of the U.S. Public Health System	2 credits
PUBHLTH 6003	Methods in Public Health Planning and Evaluation	2 credits
PUBHLTH 6004	Essentials of Population Health	4 credits

Required Courses in the Specialization (18-19 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 7724.01	Environmental Health at the Human-Animal Interface	1 credit
VETPREV 7895.02	Critical Evaluation of the Scientific Literature	1 credit
PUBHBIO 6211	Design Analysis in the Health Sciences II	3 credits
VETPREV 7726	Preventive Medicine Research Design and Methods	2 credits

Select course(s) (depending on track):

Epidemiology Track**:	PUBHEPI 7410	Epidemiology II & Lab	4 credits
or			
General Track*:	VETPREV 7725 <i>and</i>	Applied Veterinary Data Analysis	2 credits
	VETPREV 8810	Advanced Concepts & Applications in Veterinary Epidemiology	1 credit

Applied Practice Experience

PUBHLTH 7189	Applied Practice Experience in Public Health	2 credits
--------------	--	-----------

Approved Electives (9-10 credits minimum)

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

Integrative Learning Experience

VETPREV 7998	Integrative Learning Experience 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)

Year 1 Autumn	PUBHLTH 6001#	Methods in Quantitative Data Analysis	4 credits	AU
	PUBHLTH 6002#	History, Values and Essential Services of the U.S. Public Health System	2 credits	AU
	VETPREV 7721	Epidemiology of Zoonotic Diseases	3 credits	AU
	VETPREV 7722	Foodborne Diseases, Food Animal Production Systems & Food Safety	3 credits	AU
	VETPREV 7895.02	Critical Evaluation of the Scientific Literature	1 credit	AU
Year 1 Spring	PUBHLTH 6003 #	Methods in Public Health Planning and Evaluation	2 credits	SP
	PUBHLTH 6004#	Essentials of Population Health	4 credits	SP
	VETPREV 7723	Biosecurity, Emergency Response and Outbreak Investigation	2 credits	SP
	VETPREV 7724.01	Environmental Health at the Human-Animal Interface	1 credit	SP
	PUBHBIO 6211	Design and Analysis of Studies in the Health Sciences II	3 credits	AU, SP
	PUBHEPI 7410	Epidemiology II & Lab	4 credits	SP
	or VETPREV 7725 <i>and</i> VETPREV 8810	Applied Veterinary Data Analysis Advanced Concepts and Applications in Veterinary Epidemiology	2 credits 1 credit	SP SP
Year 1 Summer	ELECTIVES	To be selected and approved with the advisor	1-10 credits	ANY
	PUBHLTH 7189	Applied Practice Experience	2 credits	ANY
Year 2 Autumn	VETPREV 7726	Preventive Medicine Research Design and Methods	2 credits	AU
	ELECTIVES	To be selected and approved with the advisor	1-10 credits	ANY
Year 2 Spring	ELECTIVES	To be selected and approved with the advisor	1-10 credits	ANY
	VETPREV 7998	Integrative Learning Experience in Veterinary Public Health	3 credits	

#PUBHLTH 6001-6004: Students will be enrolled by The College of Public Health Office of Academic Programs and Student Services for these courses.

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

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