



2023-2024 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. This is not considered an on-line degree program; however, students will enroll in a combination of courses designed for on-campus in-person delivery (IP), distance learning (DL), or hybrid (HY). 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* <https://gradsch.osu.edu/handbook> 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 including the Buck-IPE* (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)

*In addition to credit hour requirements, The Ohio State University College of Public Health requires all Master of Public Health students to participate in interprofessional practice and education activities. To meet this requirement, first-year students will participate in Buck-IPE, a longitudinal curriculum for students in health science and allied health professional programs at The Ohio State University. Information about participation and assessment will be shared with MPH students as part of the Integrated Foundational Curriculum (in PUBHLTH 6002 and 6004).

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	Applied Biostatistics II	3 credits
VETPREV 7726	Preventive Medicine Research Design and Methods	2 credits

Select 1 or 2 courses, depending on track selected:

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
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Approved Electives (9-10 credits minimum)**

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

***Students who select PUBHEPI 7410 as their Track course (above) only need 9 credit hours of approved electives*

Integrative Learning Experience

VETPREV 7998	Integrative Learning Experience in Veterinary Public Health	3 credits
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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)

TERM	COURSE	COURSE TITLE	CREDITS	TERM(S) OFFERED	DELIVERY MODE
Year 1 Autumn	PUBHLTH 6001	Methods in Quantitative Data Analysis	4 credits	AU	DL
	PUBHLTH 6002	History, Values and Essential Services of the U.S. PH System	2 credits	AU	DL
	VETPREV 7721	Epidemiology of Zoonotic Diseases	3 credits	AU	IP
	VETPREV 7722	Foodborne Diseases, Food Animal Production Systems & Food Safety	3 credits	AU	IP
	VETPREV 7895.02	Critical Evaluation of the Scientific Literature	1 credit	AU	DL
Year 1 Spring	PUBHLTH 6003	Methods in Public Health Planning and Evaluation	2 credits	SP	DL
	PUBHLTH 6004	Essentials of Population Health	4 credits	SP	DL
	VETPREV 7723	Biosecurity, Emergency Response and Outbreak Investigation	2 credits	SP	IP
	VETPREV 7724.01	Environmental Health at the Human-Animal Interface	1 credit	SP	DL
	PUBHBIO 6211	Applied Biostatistics II	3 credits	AU, SP	DL or IP
	PUBHEPI 7410	Epidemiology II & Lab	4 credits	SP	IP
	<i>or</i> VETPREV 7725 <i>and</i> VETPREV 8810	Applied Veterinary Data Analysis Advanced Concepts and Applications in Veterinary Epidemiology	2 credits 1 credit	SP SP	IP IP
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	HY
	ELECTIVES	To be selected and approved with the advisor	1-10 credits	ANY	
Year 2 Spring	ELECTIVES VETPREV 7998	To be selected and approved with the advisor Integrative Learning Experience in Veterinary Public Health	1-10 credits 3 credits	ANY	

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.

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

Questions regarding the student's program of study should be directed to the advisor or program director, Dr. Armando E. Hoet (hoet.1@osu.edu)