



2024-2025 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 credit hours organized into five curricular domains:

1. MPH Integrated Foundational curriculum including the Buck-IPE* (12 credit hours)
2. Required courses in the Specialization for both tracks (18-19 credit hours)
3. Elective courses approved for the specialization (9-10 credit hours)
4. Applied Practice Experience (2 credit hours)
5. Integrative Learning Experience (3 credit hours)

*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 credit hours)

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

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

Required Courses in the Specialization (18-19 credit hours)

VETPREV 7721	Epidemiology of Zoonotic Diseases	3 credit hours
VETPREV 7722	Foodborne Diseases, Food Animal Production Systems and Food Safety	3 credit hours
VETPREV 7723	Biosecurity, Emergency Response, and Outbreak Investigation	2 credit hours
VETPREV 7724.01	Environmental Health at the Human-Animal Interface	1 credit hour
VETPREV 7895.02	Critical Evaluation of the Scientific Literature	1 credit hour
PUBHBIO 6211	Applied Biostatistics II	3 credit hours

VETPREV 7726 Preventive Medicine Research Design and Methods 2 credit hours

Select 1 or 2 courses, depending on track selected:

Epidemiology Track: PUBHEPI 7410 Epidemiology II & Lab 4 credit hours

or

General Track: VETPREV 7725 *and* Applied Veterinary Data Analysis 2 credit hours

VETPREV 8810 Advanced Concepts & Applications in Veterinary Epidemiology 1 credit

Applied Practice Experience

PUBHLTH 7189 Applied Practice Experience in Public Health 2 credit hours

Approved Electives (9-10 credit hours 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 credit hours

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