

Public Health Practice: Veterinary Public Health MPH Program

The Veterinary Public Health program allows students to use their rigorous veterinary training with a solid understanding of public health. The program is tailored for students who want to work at the interface of human wellness and animal health, spanning agriculture, food systems, emerging infectious diseases, ecosystem health, and global health implications. Students must complete a minimum of 42 credits.

The veterinary public health degree allows students to transfer a maximum of 14 credits from their veterinary curriculum. The remaining 28 credits are taken as a public health student in the School of Public Health at the University of Minnesota.

PUBLIC HEALTH CORE REQUIREMENTS

16 CREDITS

The basic curriculum courses are offered online and on-campus:

PubH 6020 Fundamentals of Social and Behavioral Science (2 cr)

PubH 6102 Issues in Environmental and Occupational Health (2 cr)

PubH 6250 Foundations of Public Health (2 cr)

PubH 6320 Fundamentals of Epidemiology (3 cr)

PubH 6414 Biostatistical Literacy (3 cr**) **or**

PubH 6450 Biostatistics I (4 cr)

PubH 6741 Ethics in Public Health: Professional Practice and Policy (1 cr)

PubH 6751 Principles of Management in Health Services (2 cr)

***Students who take PubH 6414 Biostatistical Literacy, must also take one of the following courses:*

PubH 6107 Excel and Access in Public Health Settings (1 cr)

PubH 6123 Violence Prevention & Control: Theory, Research, and Application (2 cr)

PubH 6325 Data Processing with PC-SAS (1 cr)

PubH 6420 Introduction to SAS Programming (1 cr)

PubH 6470 SAS Procedures and Data Analysis (3 cr)

PubH 6755 Planning & Budgeting in Public Health (2 cr)

PubH 6813 Managing Electronic Health Information (2 cr)

PubH 6845 Using Demographic Data for Policy Analysis (3 cr)

PubH 7264 Data Visualizing Data in R (1 cr)

PubH 7461 Exploring and Visualizing Data in R (2 cr)

APPLIED PRACTICE EXPERIENCE

PubH 7296 (2-6 credits) Public health field work

INTEGRATIVE LEARNING EXPERIENCE

PubH 7294 (1-3 credits) Capstone project

ELECTIVE COURSES

To complete program requirements, students will choose electives, in consultation with their academic advisor, which may include credits towards a minor.

The majority of DVM/MPH students complete the elective requirement through transfer courses from their DVM curriculum, and courses taken at the Public Health Institute (PHI).

The Public Health Institute (PHI) is a three-week intensive session that takes place during May session. PHI is consistently cited as a highlight of the program because it provides students from other veterinary programs a chance to meet, interact with, learn from, and oftentimes develop lasting relationships with future colleagues that extend beyond the time spent in Minnesota.

Myriad other elective courses are offered online during the academic year. Students should consult with the program coordinator when choosing electives outside the PubH designator.

PROGRAM ELIGIBILITY

Veterinary public health students must have a bachelor's degree and be accepted to or be a current student at an AVMA-accredited veterinary school.

PROGRAM COORDINATOR

Sarah Summerbell, MS
 Email: peter415@umn.edu
 Phone: 612-626-1948
 Web: sph.umn.edu

PROGRAM DIRECTOR

Jeff Bender, DVM, MS, DACVPM
 Email: bende002@umn.edu
 Phone: 612-625-6203
 Web: sph.umn.edu