Public Health Practice: DVM/MPH Dual Degree Program

The Doctor of Veterinary Medicine/Master of Public Health (DVM/MPH) dual degree program combines the rigorous training of veterinary studies with a solid understanding of public health. The program is tailored to 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 DVM/MPH dual degree allows students, with approval, to transfer a maximum of 14 credits from their veterinary curriculum. The remaining 28 credits will be taken as a public health student from the School of Public Health.

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 (2 cr)
- PubH 6414 Biostatistical Literacy (3 cr and a 1 cr statistical programming course**) 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 6617 Practical Methods for Secondary 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 7481 Exploring and Visualizing Data in R (2 cr)
- PA 5929 Data Visualization: Telling Stories with Numbers (2 cr)

APPLIED PRACTICE EXPERIENCE
PubH 7296 (2-6 credits)

INTEGRATIVE LEARNING EXPERIENCE
PubH 7294 (1-3 credits)

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 in-person courses taken at the Public Health Institute (PHI).

Students come to Minnesota at least one time to participate in the Public Health Institute (PHI)—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.

Other elective courses are offered online during the fall and spring terms. Students should consult with the program coordinator when choosing electives outside the PubH designator.

PROGRAM ELIGIBILITY
All DVM/MPH students must have a bachelor’s degree and be accepted to or be a current student at an AVMA-accredited veterinary school.

Version date: 3/16/2020. All coursework, class code and credit amount is subject to change. Above curriculum representative for students entering Fall 2020.