

## Infectious Diseases/Zoonoses

### Online MPH Emphasis for DVMs and DVM Students

The MPH degree coupled with the DVM allows you to work with both animal and human health with a focus on animal agriculture, food industry concerns, emerging infectious diseases, and the environment.

Understanding zoonotic diseases is becoming vitally important as the World Health Organization (WHO) reports that 75% of the new diseases affecting humans have been caused by pathogens originating from animals or animal by-products. One Health is a public health issue that has increased opportunities for DVM/MPH professionals who can address both human and animal health.

Unique Features	Curriculum
<ul style="list-style-type: none"> <li>Pursue an MPH degree while you work or complete your DVM degree.</li> <li>12 DVM credits may be used toward the MPH degree.</li> <li>Start the MPH at anytime or the summer BEFORE you start Vet school.</li> <li>You can complete the MPH degree with ALL online classes. All classes needed are online and some in-class options are available.</li> </ul> <p><b>No application deadline!</b> But you do have to be admitted BEFORE you enroll in MPH classes.</p> <p><b>Visit <a href="http://k-state.edu/mphealth">k-state.edu/mphealth</a></b> <b>Call 785-532-2042 or drop in and see us in 103 Trotter Hall</b></p>	<p><b>42 credits</b></p> <p><i>Core Curriculum (15 credit hours)</i></p> <ul style="list-style-type: none"> <li><b>MPH 701</b> – Fundamental Methods of Biostatistics (3 hrs – online Spring)</li> <li><b>MPH 720</b> – Administration of Health Care Orgs (3 hrs – online Fall)</li> <li><b>MPH 754</b> – Introduction to Epidemiology (3 hrs – online Fall)</li> <li><b>MPH 802</b> – Environmental Health (3 hrs – online Spring &amp; Summer)</li> <li><b>MPH 818</b> – Social and Behavioral Bases of Public Health (3 hrs – online Spring)</li> </ul> <p><i>Emphasis Curriculum</i></p> <ul style="list-style-type: none"> <li><b>+21 hours</b> from the IDZ curriculum (12 of which may be transferred from DVM classes from an AVMA accredited program)</li> </ul> <p><i>Applied Practice Experience</i></p> <ul style="list-style-type: none"> <li><b>MPH 840</b> – Public Health Practice (6 hrs) in a non-academic setting</li> </ul>

#### What Can You Do With the MPH?

Our MPH graduates are working all over the world from Africa to Uzbekistan to private veterinary practices to local and state health departments.

## Infectious Diseases/Zoonoses – DVM MPH

### Application and Admission Process

Eligible students must hold a BS with a preferred GPA of 3.0/4.0 in the last 60 hours of coursework.

### Required Submissions

- Narrative Statement of Objectives** describing education, public health experiences and with professional career goals.
- Official transcripts** form each institution attended. (Copies are allowable if you submitted originals for your Vet School application.)
- GRE Scores (call or email to see if you are eligible for a waiver) and Three letters** of recommendation from persons qualified to assess your academic work, public health or professional experiences or leadership potential in public health.

**No Deadline**, applications are accepted continuously. Apply at least 1-2 months before you want to enroll in MPH classes.

Completed applications are reviewed by an emphasis area admissions committee and applicants are notified of the decision via e-mail from the MPH Program. If accepted, the Graduate School will also e-mail you with enrollment instructions.

**To apply go to:**  
[k-state.edu/grad/](http://k-state.edu/grad/)

### Sample MPH Projects

- Policy in the Making: Establishing Public Policy for Complex Animal Diseases
- Veterinary Contributions to PH Extend Beyond the Clinic with the U.S. Army PH Command
- Exploring Characteristics of Vaccinated Dogs
- Exploring Frontiers at the US-Mexico Border
- Hand Hygiene Campaign at Lafene Health Center
- Sexually transmitted disease management
- A look into the emphasis physicians, vets, and pregnancy educators place on Toxoplasmosis info

### Sample Applied Practice Experience Sites

- One Health Coordination Center, USDA-APHIS
- U.S. Army PH Command, Fort Relvoir District
- New Mexico Dept of Health, Border Health
- Fort Riley Department of Public Health
- Riley County Extension
- NC Department of Health and Human Services
- Kansas Dept of Health and Environment
- USDA APHIS Veterinary Service
- Kansas Dept of Agriculture, Animal Health
- Mongolia V.E.T. Net NGO
- US Army Veterinary Corps

### Sample Graduate Placements

- USDA APHIS Highly Pathogenic Avian Influenza
- Banfield Pet Hospital
- USDA APHIS Veterinary Services
- Private Practice
- Clinical Research Coordinator
- Boehringer Ingelheim Vetmedica, Inc.
- PhD programs

**Typical Transfer Courses** (12 credit hours may be transferred from an AVMA accredited DVM curriculum.)

- Principles of Vet Immunology
- Veterinary Parasitology
- Veterinary Public Health
- Toxicology
- Vet Bacteriology & Mycology
- Veterinary Virology
- Trade and Agricultural Health