Infectious Diseases/Zoonoses MPH Emphasis for 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**
- You can pursue your DVM and MPH degrees at the same time.
- A maximum of 12 DVM credits may be used toward the MPH degree.
- You can start the MPH the summer BEFORE you start Vet school.
- The MPH is offered through a mix of online and in-person classes taken in conjunction with your DVM classes.
- It is possible to complete the MPH degree with only one or two additional semesters at K-State.
- The MPH program is accredited through the Council on Education for Public Health (CEPH).

**Curriculum**

**42 credits**

**Core Curriculum (15 credit hours)**
- MPH 701 – Fundamental Methods of Biostatics (3 hrs)
- MPH 720 – Administration of Health Care Organizations (3 hrs)
- MPH 754 – Introduction to Epidemiology (3 hrs)
- MPH 802 – Environmental Health (3 hrs)
- MPH 818 – Social and Behavioral Bases of Public Health (3 hrs)

**Emphasis Curriculum**

**+21 hours from the IDZ curriculum**
(12 of which may be transferred from DVM classes)

**Field Experience**
- MPH 840 – Field Experience (6 hrs) in a non-academic setting

**For more information**

[www.k-state.edu/mphealth](http://www.k-state.edu/mphealth)

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No application deadline!
But you do have to be admitted BEFORE you can enroll in MPH classes

Feel free to stop in and see us!

**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.
### Application and Admission Process

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

**Required Submissions**

- **Narrative Statement of Objectives** describing education and public health experiences along with professional career goals.
- **Official transcripts** form each institution attended. (Copies are allowable if you submitted originals for your Vet School application.)
- **GRE Scores**
- **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, and if accepted, the Graduate School will also e-mail you with enrollment instructions.

**MPH website:** k-state.edu/mphealth

**To apply go to:** k-state.edu/grad/

### Sample MPH Projects

- Policy in the Making: Establishing Public Policy for Complex Animal Diseases
- Veterinary Contributions to Public Health Extend Beyond the Clinic with the U.S. Army Public Health Command
- Exploring Characteristics of Vaccinated Dogs that Fail to Achieve an Adequate Level of Rabies Virus Neutralizing Antibodies
- Exploring Frontiers at the United States-Mexico Border
- Hand Hygiene Campaign at Lafene Health Center
- Sexually transmitted disease management assessment for the Central Flint Hills region
- A look into the emphasis physicians, veterinarians, and pregnancy educators place on providing Toxoplasmosis information for pregnant patients or clients

### Sample Field Experience Sites

- One Health Coordination Center, USDA-APHIS
- U.S. Army Public Health Command, Fort Relvoir District
- New Mexico Department of Health Office of Boarder Health
- Fort Riley Department of Public Health
- Riley County Extension
- North Carolina Department of Health and Human Services
- Kansas Department of Health and Environment – State Veterinarian
- USDA APHIS Veterinary Service
- Kansas Department of Agriculture – Division of Animal Health
- Mongolia V.E.T. Net NGO
- U.S. Army Veterinary Corps

### Sample Graduate Placements

- USDA APHIS – Highly Pathogenic Avian Influenza Response team in Iowa
- Banfield Pet Hospital
- USDA APHIS Veterinary Services
- Private Practice
- Clinical Research Coordinator
- Boehringer Ingelheim Vetmedica, Inc. as site veterinarian
- PhD programs

### Typical Transfer Courses

(Up to 12 credit hours may transfer from the DVM curriculum. Course credit hours may vary depending on when you took the course.)

- DMP 708 – Veterinary Epidemiology (2 hrs)
- DMP 705 – Principles of Veterinary Immunology (3 hrs)
- DMP 712 – Veterinary Bacteriology and Mycology (3 hrs)
- DMP 718 – Veterinary Parasitology (4 hrs)
- DMP 722 – Veterinary Virology (3 hrs)
- DMP 753 – Veterinary Public Health (2 hrs)
- DMP 801 – Toxicology (2 hrs)
- DMP 816 – Trade and Agricultural Health (2 hrs)