

Infectious Diseases and Zoonoses MPH Emphasis

This public health emphasis prepares professionals to strengthen zoonoses prevention and control programs, investigate emerging infectious diseases, enhance the public's ability to respond to bioterrorism and biosecurity emergencies, and coordinate rapid response activities among government, agriculture industries, nonprofit organizations, and academia. The MPH program at K-State is accredited through the Council on Education for Public Health (CEPH).

IDZ Competencies	Curriculum	For more information
<ul style="list-style-type: none"> • Pathogens/pathogenic mechanisms. Evaluate modes of disease causation of infectious agents. • Host response to pathogens/immunology. Investigate the host immune response to infection. • Environmental/ecological influences. Examine the influence of environmental and ecological forces on infectious diseases. • Disease surveillance. Analyze disease risk factors and select appropriate surveillance. • Disease Vectors. Investigate the role of vectors, toxic plants and other toxins in infectious diseases. <p>Note: Practicing DVMs and veterinary students completing this emphasis may use up to 12 hours between both degrees.</p>	<p>42 credits</p> <p><i>Core Curriculum (15 credit hours)</i></p> <ul style="list-style-type: none"> • MPH 701 – Fundamental Methods of Biostatistics (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) <p><i>Emphasis Curriculum</i></p> <ul style="list-style-type: none"> • +21 hours from the Infectious Diseases and Zoonoses curriculum <p><i>Applied Practice Experience</i></p> <ul style="list-style-type: none"> • MPH 840 – Public Health Practice (6 hrs) in a non-academic setting 	<p>k-state.edu/mphealth</p> <p>MPH Program Director Questions: Dr. Ellyn Mulcahy 103 Trotter Hall emulcahy@vet.k-state.edu 785-532-2117</p> <p>Emphasis Area Questions: DVM/MPH: Dr. Kate KuKanich kstenske@k-state.edu Olathe: Dr. Page Adams apadams@k-state.edu</p> <p>Application Deadlines Domestic students: No deadline! International students: Admitted for Fall semester only, January 1 for Fall.</p> <p>Feel free to stop in and see us!</p>

What Can You Do With this MPH Emphasis in Infectious Diseases?

Job titles of MPH/DVM students with this emphasis include: Practicing Veterinarians; U.S. Army Veterinary Corp Officer; USDA APHIS Epidemiology team leader; International work with NGOs; State Veterinarians; Senior Consultant with Booz Allen Hamilton; Clinical Research Coordinator; Animal Health Coordinator Kansas Department of Agriculture.

Job titles of regular MPH students with this emphasis include: Disease Investigators with state and county health departments; Peace Corp; PhD student; Nursing student; Research Assistant/Technician in diagnostic labs; Select Agent Specialist with NBAF; Environmental Health Specialist with a county health department; International work with NGOs; Epidemiologists for state and county health departments; Civilian working for U.S. Army Public Health Command office.

Easy Application Process

Eligible applicants must hold a bachelor degree (BS or BA) with a preferred GPA of 3.0/4.0 in the last 60 hours of coursework.

To apply go to the Graduate School's website:
k-state.edu/grad/

Narrative Statement of Objectives describing education and public health experiences along with professional career goals.

Copies of Transcripts from each institution attended. If accepted originals must be sent.

Three letters of reference from your advisor, professors, or any others who can provide information about your ability to succeed in a graduate program and resulting profession.

GRE scores. May be waived if applicant holds a graduate or professional degree.

