

## Food Safety and Biosecurity MPH Emphasis

This public health emphasis prepares professionals to identify and categorize risks, challenges, and solutions in the food system for food safety, biosecurity, and defense issues in the food production continuum. Courses emphasize the multidisciplinary and complex nature of food safety and biosecurity policies, globalization, and international trade – and their influence on public health. The MPH program at K-State is accredited through the Council on Education for Public Health (CEPH).

FSB Competencies	Curriculum	For more information
<ul style="list-style-type: none"> <li>• <b>Food safety and biosecurity.</b> Evaluate solutions appropriate for different food safety, biosecurity, and defense issues in the food production continuum.</li> <li>• <b>Threats to the food system.</b> Examine specific threats to the food system and scientifically investigate how each can be prevented, controlled, and/or mitigated in the food production system.</li> <li>• <b>Food safety laws and regulations.</b> Differentiate key U.S. food safety regulatory bodies and their unique legislative authorities, missions, and jurisdictions.</li> <li>• <b>Food safety policy and the global food system.</b> Analyze and distinguish how food safety and governmental biosecurity policies, globalization, and international trade cooperation influence public health.</li> <li>• <b>Multidisciplinary leadership.</b> Contrast the food safety and biosecurity technical needs of different stakeholders and make judgements as to the appropriate methods of collaboration.</li> </ul>	<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)</li> <li>• <b>MPH 720</b> – Administration of Health Care Organizations (3 hrs)</li> <li>• <b>MPH 754</b> – Introduction to Epidemiology (3 hrs)</li> <li>• <b>MPH 802</b> – Environmental Health (3 hrs)</li> <li>• <b>MPH 818</b> – Social and Behavioral Bases of Public Health (3 hrs)</li> </ul> <p><i>Emphasis Curriculum</i></p> <ul style="list-style-type: none"> <li>• <b>+21 hours</b> from the Food Safety and Biosecurity curriculum</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>	<p><b>k-state.edu/mphealth</b></p> <p>Program Director: Dr. Ellyn Mulcahy 103 Trotter Hall <a href="mailto:emulcahy@vet.k-state.edu">emulcahy@vet.k-state.edu</a> 785-532-2117</p> <p>Emphasis Area Questions: Dr. Justin Kastner <a href="mailto:jkastner@k-state.edu">jkastner@k-state.edu</a></p> <p><b>Application Deadlines</b> Domestic students: No deadline! International students: Admitted for Fall semester only, January 1 for Fall.</p> <p><b>Feel free to stop in and see us!</b></p>

## What Can You Do With this MPH Emphasis in Food Safety?

Job titles of MPH students with this emphasis include: Microbiologist at FDA; Epidemiologist for a county health department; U.S. Public Health Service Officer; Kansas Department of Agriculture area supervisor; Outbreak Evaluation Team Member at FDA; High School Science Teacher; Consultant for food companies; USDA Food Safety Inspection Service Officer; Regulatory Officers in Thailand for state and national governments.

## 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/](http://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.

