



# FOOD SAFETY

The 2011 Food Safety Modernization Act shifted the Food and Drug Administration from being reactive to food safety concerns to focusing on prevention. The new approach requires a change in expertise to address public health issues related to a safe food supply. The need for experts is growing as our food system becomes more globalized and complex. It is increasingly important for public health professionals to engage consumers and members of the food industry, including farmers, food processors and food service workers, in addressing food safety challenges. Monitoring and preventing the spread of foodborne disease, disseminating and enforcing laws or regulations and educating the public on safe food handling practices are top priorities. Those priorities can be achieved through innovative methods in molecular microbiology, biotechnology, science-based risk assessment and

management, hygiene principles, food safety laws and regulations and active surveillance programs. Earning NDSU's Master of Public Health degree with specialization in food safety, can give you the necessary skills and knowledge to work to keep our citizens and food systems safe and secure.

Students will take the required foundational Master of Public Health courses, including Biostatistics, Epidemiology, Public Health Management and Policy, Environmental Health, Community Health Leadership and Social and Behavioral Sciences in Public Health. In addition, students are required to complete the Master of Public Health practicum and a master's paper – each focused on food safety topics in public health. The 18-credit specialization curriculum is described below.

<b>Required courses</b>	<b>Credit hours</b>
SAFE 652: Food Laws and Regulations .....	3
PH 722: Applied Community Health .....	3
MICR 752: Advanced Topics in Food Safety Microbiology .....	3
PH 752: Advanced Topics in Epidemiology .....	3
 <b>Elective courses</b>	
In addition, choose at least six credits from the list of courses at <a href="http://www.ndsu.edu/publichealth/curriculum/progelectives">www.ndsu.edu/publichealth/curriculum/progelectives</a> .	

For more information and to apply to the Master of Public Health program, visit [www.ndsu.edu/publichealth](http://www.ndsu.edu/publichealth).