



# MANAGEMENT OF INFECTIOUS DISEASES

Public health professionals face increasing demands to diagnose, prevent and control problems arising from infectious diseases. The Management of Infectious Diseases specialization of NDSU's Master of Public Health program is designed to give students the knowledge and expertise required for a successful career in this important area.

Students in this specialization can tailor the program to suit their interests and professional goals. Learning opportunities include disease diagnosis and detection, prophylaxis and vaccinology, therapeutics and antibiotic resistance, prevention of disease spread in hospitals or by vectors, public health policy and

emergency responses to emerging diseases and biosecurity threats. In all areas, special attention is paid to the application of modern technologies and epidemiologic skills.

Students take the required Master of Public Health core courses, including Biostatistics, Epidemiology, Leading and Managing Public Health Systems, Environmental Health, Health Care Delivery in the U.S., 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 management of infectious diseases.

## 18-CREDIT SPECIALIZATION CURRICULUM

| Required courses   | Credit hours |
|--|--------------|
| PH 735: Principles of Infectious Disease Management I.....   | 3            |
| PH 736: Principles of Infectious Disease Management II.....  | 3            |
| MICR 750: Advanced Topics in Epidemiology.....   | 3            |
| MICR 752: Advanced Food Microbiology.....  | 3            |
| <b>Elective courses</b>  |              |
| In addition, choose 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).