

ENVIRONMENTAL INFECTIOUS DISEASES (MPH)

Faculty: Craig Hedberg, PhD, MS; Jeffrey Bender, DVM; Bruce Alexander, PhD; Claudia Munoz-Zanzi, PhD; Jonathan Oliver, PhD; Michael Osterholm, PhD; William Toscano, PhD
Adjunct Faculty: Carlota Medus, PhD, MPH; Joni Scheftel, DVM, MPH, MVMA; Randall Singer, DVM, PhD; Kirk Smith, DVM, PhD; Scott Wells, DVM, PhD

GENERAL REQUIREMENTS (ONLINE OPTIONS AVAILABLE) [14 CR.]

PUBH 6020 Fundamentals of Social and Behavioral Science (2 cr.)
PUBH 6320 Fundamentals of Epidemiology (3 cr.) **or** **PUBH 6341** Epidemiologic Methods I (3 cr., any term)
PUBH 6450 Biostatistics I (4 cr.) **or** **PUBH 6414** Biostatistical Literacy I (3 cr.) **and** one credit of a statistical programming course
PUBH 6741 Ethics in Public Health Professional Practice and Policy (1 cr.)
PUBH 6751 Principles of Management in Health Service Organizations (2 cr.)
PUBH 6250 Foundations of Public Health (2 cr. fall, spring)

DIVISION CORE COURSES [8 + CR.]

PUBH 6102 Issues in Environmental and Occupational Health (2 cr., fall)
PUBH 6109 Environmental Health: Society, Politics and Policy (4 cr., spring only)
PUBH 7194 Integrative Learning Experience (**ILE**) (1-5 cr., any term)
PUBH 7196 Applied Practicum Experience in Environmental Health (**APEX**) (1-5 cr., any term)

CONCENTRATION COURSE REQUIREMENTS [14 CR.]

PUBH 6181 Surveillance of Foodborne Diseases and Food Safety Hazards (2 cr., fall)
PUBH 6100 Topics: Environmental Public Health Biology (2cr. spring)
PUBH 6100 Topics: Public Health Entomology (2 cr fall)
PUBH 6182 Emerging Infectious Diseases: Current Issues (3 cr., spring)
PUBH 6385 Epidemiology of Infectious Diseases (2 cr., spring)
VMED 5180 Ecology of Infectious Diseases (3 cr., fall)

ELECTIVES

Selected in consultation with advisor.

TOTAL CREDITS: 42 MINIMUM

RECOMMENDED ELECTIVES [6+ CR. ~]

PUBH 6112 Environmental Health Risk Assessment: Application to Human Health Risks from Exposure to Chemicals (3 cr., spring)
PUBH 6711 Public Health Law (Summer Institute) (2 cr., Summer Institute)
PUBH 7210 Global Food Systems (Summer Institute) (.5 cr., Summer Institute)
PUBH 7214 Principles of Risk Communication (Summer Institute) (1 cr., Summer Institute)
VMED 5181 Spatial Analysis in Infectious Disease Epidemiology (3 cr., spring)
VMED 5420 Molecular Epidemiology of Infectious Disease (3 cr.)
FSCN 4121 Food Microbiology and Fermentations (3 cr.)
MICB 4121 Microbial Ecology and Applied Microbiology (3 cr.)
MICB 4131 Immunology (3 cr.)
MICB 4151 Molecular and Genetic Bases for Microbial Diseases (3 cr.)
MICB 4171 Biology, Genetics and Pathogenesis of Viruses (3 cr.)

CONTACT INFORMATION

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