

Focus areas

Students do not have to focus on a given area of epidemiologic study; however, many students—in particular those who already have advanced degrees or extensive experience—may wish to focus on a specific area of methodological inquiry. The following describe courses available at GW SPH to support a comprehensive education in each of these focus areas. These do not represent all courses in each of the focus areas but serve as suggested electives through which to build depth in a particular area. Since not all courses are offered each semester, please consult the program guide and website for up to date information on timing of course offerings.

Chronic Disease Epidemiology

PubH 6121	Environmental and Occupational Epidemiology
PubH 6238	Molecular Epidemiology
PubH 6241	Nutritional Epidemiology
PubH 6242	Clinical Epidemiology and Decision Making
PubH 6243	Topics in Clinical Epidemiology and Decision Making
PubH 6244	Cancer Epidemiology
PubH 6269	Reproductive and Perinatal Epidemiology
PubH 6299	Chronic Disease Epidemiology
PubH 6299	Epidemiology of Obesity
EXSC 6208	Physical Activity: Physiology and Epidemiology

Infectious Disease Epidemiology

PubH 6127	Germs: Introduction to Environmental Health Microbiology
PubH 6239	Epidemiology of Food and Waterborne Diseases
PubH 6240	Pediatric HIV/AIDS
PubH 6245	Infectious Disease Epidemiology
PubH 6250	Epidemiology of HIV/AIDS
PubH 6253	HIV Care and Treatment
PubH 6255	Organizational Responses to HIV/AIDS
PubH 6259	Surveillance Epidemiology
PubH 6270	HIV/AIDS Surveillance
PubH 6276	Public Health Microbiology
PubH 6277	Public Health Genomics
PubH 6278	Public Health Virology
PubH 6484	Prevention and Control of Vectorborne Diseases
PubH 6485	Prevention and Control of Waterborne and Sanitation Diseases

Methods and Analysis

PubH 6258	Biostatistical Consulting
PubH 6262	Introduction to GIS
PubH 6263	Advanced GIS
PubH 6264	Quantitative Methods
PubH 6265	Design of Medical Studies
PubH 6266	Biostatistical Methods

PubH 6267 Time Series Analysis
PubH 6268 Advanced SAS
PubH 6273 Ethnographic Methods in Public Health
PubH 6281 Analysis of Complex Survey Data
PubH 6282 Introduction to R

Nutritional Epidemiology

PubH 6241 Nutritional Epidemiology
PubH 6611 Nutrition Assessment
PubH 6299 Epidemiology of Obesity
PubH 6556 Maternal & Child Nutrition
PubH 6614 Introduction to Nutrition Science
PubH 6615 Nutritional Biochemistry
EXSC 6242 Nutrition across the Lifespan

Environmental Epidemiology

PubH 6121 Environmental and Occupational Epidemiology
PubH 6123 Toxicology Applications to Public Health Policy
PubH 6127 Germs: Introduction to Environmental Health Microbiology
PubH 6126 Assessment and Control of Environmental Hazards
PubH 6244 Cancer Epidemiology
PubH 6269 Reproductive and Perinatal Epidemiology

Reproductive and Perinatal Epidemiology

PubH 6269 Reproductive and Perinatal Epidemiology
PubH 6240 Pediatric HIV/AIDS
PubH 6550 Maternal and Child Health I
PubH 6552 Women's Health
PubH 6555 Reproductive Health: US and Global Perspectives

Translational Epidemiology (Bench to Bedside)

PubH 6127 Germs: Introduction to Environmental Health Microbiology
PubH 6238 Molecular Epidemiology
PubH 6242 Clinical Epidemiology and Decision Making
PubH 6243 Topics in Clinical Epidemiology and Decision Making
PubH 6239 Epidemiology of Food and Waterborne Diseases
PubH 6245 Infectious Disease Epidemiology
PubH 6265 Design of Medical Studies
PubH 6276 Public Health Microbiology
PubH 6277 Public Health Genomics
PubH 6278 Public Health Virology
PubH 6484 Prevention and Control of Vectorborne Diseases

