

**PROGRAM IN PUBLIC HEALTH**  
**MPH Foundational Public Health Knowledge Areas for Core Courses**

Course Key

**HPH 500:** Contemporary Issues in Public Health  
**HPH 501:** Introduction to the Research Process  
**HPH 506:** Biostatistics I  
**HPH 507:** Biostatistics II  
**HPH 508:** Health Systems Performance  
**HPH 514:** Epidemiology for Public Health  
**HPH 516:** Environmental & Occupational Health

**HPH 523:** Social & Behavioral Determinants of Health  
**HPH 525:** Evaluating Public Health Initiatives  
**HPH 550:** Theories of Health Behavior & Communication  
**HPH 555:** Demography & Global Health  
**HPH 564:** Qualitative Methods  
**HPH 581:** Capstone Seminar

**Foundational Public Health Knowledge Areas**

**Core Courses**

<b>Profession and Science of Public Health</b>	<b>HPH 500</b>	<b>HPH 501</b>	<b>HPH 506</b>	<b>HPH 507</b>	<b>HPH 508</b>	<b>HPH 514</b>	<b>HPH 516</b>	<b>HPH 523</b>	<b>HPH 525</b>	<b>HPH 550</b>	<b>HPH 555</b>	<b>HPH 564</b>	<b>HPH 581</b>
<b>Learning objectives:</b>													
1. Explain public health history, philosophy and values													
2. Identify the core functions of public health and the 10 Essential Services													
3. Explain the role of quantitative and qualitative methods and sciences in describing and assessing a population's health													
4. List major causes and trends of morbidity and mortality in the US or other community relevant to the school or program													
5. Discuss the science of primary, secondary, and tertiary prevention in population health, including health promotion, screening, etc.													
6. Explain the critical importance of evidence in advancing public health knowledge													

<b>Factors Related to Human Health</b>	<b>HPH 500</b>	<b>HPH 501</b>	<b>HPH 506</b>	<b>HPH 507</b>	<b>HPH 508</b>	<b>HPH 514</b>	<b>HPH 516</b>	<b>HPH 523</b>	<b>HPH 525</b>	<b>HPH 550</b>	<b>HPH 555</b>	<b>HPH 564</b>	<b>HPH 581</b>
<b>Learning objectives:</b>													
7. Explain effects of environmental factors on a population's health							■						
8. Explain biological and genetic factors that affect a population's health							■						
9. Explain behavioral and psychosocial factors that affect a population's health					■			■		■			
10. Explain the social, political and economic determinants of health and how they contribute to population health and health inequities	■							■			■		
11. Explain how globalization affects global burdens of disease	■						■				■		
12. Explain an ecological perspective on the connections among human health, animal health and ecosystem health (e.g., One Health)							■						