

# 2020 PHI Courses listed by the Public Health Competencies

May 18 – June 5, 2020

<https://www.sph.umn.edu/academics/institutes/public-health-institute/>

Note: Approximate 20-30% of the courses will change each summer to reflect the changing issues.

Public Health Practice competencies are based on the domains established by The Council of Linkages organizations that aim to provide public health education and training, practice, and research to ensure a well-trained, competent workforce and the development and use of a strong evidence base for public health practice. <http://www.phf.org>

## **Policy Development/Program Planning Skills**

Policy Development/Program Planning Skills focus on determining needed policies and programs; advocating for policies and programs; planning, implementing, and evaluating policies and programs; developing and implementing strategies for continuous quality improvement; and developing and implementing community health improvement plans and strategic plans.

*Competency 1 - Identify the rational and key steps for policy development: assessment, planning, implementing, advocacy and evaluation.*

- PubH 7200 A Multidisciplinary Overview of Aging
- PubH 7200 Climate Change and Public Health
- PubH 7200 Climate Change and Water in Minnesota
- PubH 7200 Children and Families: Public Health Policy and Advocacy
- PubH 7200 Environmental Justice, Policy and Practice
- PubH 7210 Global Food System – Gourmet Foods
- PubH 7210 Global Food System – Pet Foods
- PubH 7200 One Health: From Theory to Practice
- PubH 7200 Providing Mental Health Support to Rural Communities
- PubH 6711 Public Health Law
- PubH 7200 Sexual Violence Prevention through Practice and Policy

## **Systems Thinking Skills and Leadership**

Systems Thinking and Leadership Skills focus on incorporating ethical standards into the organization; creating opportunities for collaboration among public health, health care, and other organizations; mentoring personnel; adjusting practice to address changing needs and environment; ensuring continuous quality improvement; managing organizational change; and advocating for the role of governmental public.

*Competency 2 – Develop skills in systemic thinking and understand how systems are connected and interdependent, and understand the potential consequences that systems may have on communities.*

- PubH 7200 Global Public Health Systems in Developing Countries

- PubH 7262 Globalization and Health
- PubH 7200 In the Weeds: The Regulatory History and Future of Cannabis in Public Health
- PubH 7221 Planning for Urgent Threats
- PubH 7214 Principles of Risk Communication
- PubH 7200 The Drug Overdose Crisis in America
- PubH 7200 Transboundary Diseases and their Impact

### **Cultural Competency Skills**

Competency Skills focus on understanding and responding to diverse needs, assessing organizational cultural diversity and competence, assessing effects of policies and programs on different populations, and taking action to support a diverse public health workforce.

*Competency 3 - Explain the effects of policies, programs, community-based interventions that promote improving health for different populations in communities.*

- PubH 7200 Climate Change and Public Health
- PubH 7262 Globalization and Health
- PubH 7200 Inside the Worldview of my Community: Demystifying Cultural Agility in the 21st Century
- PubH 7200 LGBTQ Health and Policy
- PubH 6060 Motivational Interviewing: Strategies to Effect Behavior Change
- PubH 7200 Providing Mental Health Support to Rural Communities
- PubH 7200 Sexual Violence Prevention through Practice and Policy
- PubH 7200 The Drug Overdose Crisis in America
- PubH 7200 Transboundary Prevention through Practice and Policy
- PubH 7200 Unique Public Health Aspects of Asian Health: Data Collection Through Program Implementation

### **Analytical/Assessment Skills**

Analytical/Assessment Skills focus on identifying and understanding data, turning data into information for action, assessing needs and assets to address community health needs, developing community health assessments, and using evidence for decision-making.

*Competency 4 – Demonstrate how to turn data into information and action to influence public health policies and programs.*

- PubH 7230 Antibiotic Resistance, Use and Stewardship: Theory to Practice
- PubH 7200 Applications of Low-Cost Aerosol Sensors to Evaluate Human Exposures: Promises and Pitfalls
- PubH 6432 Biostatistical Methods in Translational and Clinical Research

- PubH 7230 Bites, Mites and Plights: Applied Epidemiology of Zoonotic and Vectorborne Diseases
- PubH 6601 Born a Girl: Global Women's Health
- PubH 7200 Data Visualization in R
- PubH 7200 Field Epidemiology: Investigations from the Field
- PubH 7253 Introduction to GIS
- PubH 7257 Qualitative Data Analysis: An Introductory Course
- PubH 7231 Surveillance of Foodborne Pathogens in Humans
- PubH 7235 Surveillance of Zoonotic Pathogens in Animals
- PubH 7200 The Drug Overdose Crisis in America
- PubH 7200 "Vaping" and E-cigarettes: From Harm Reduction Promise to the Public Health Crisis

### **Communication Skills**

Communication Skills focus on assessing and addressing population literacy; soliciting and using community input; communicating data and information; facilitating communications; and communicating the roles of government, health care, and others.

*Competency 5 – Demonstrate how data and information is developed and conveyed to different audiences (professionals and the public) using a variety of media approaches.*

- PubH 7200 Communication for Change
- PubH 6060 Motivational Interviewing: Strategies to Effect Behavior Change
- PubH 7221 Planning for Urgent Threats
- PubH 7214 Principles of Risk Communications