

HLTH C220: INTRODUCTION TO PUBLIC HEALTH

Item	Value
Curriculum Committee Approval Date	03/15/2019
Top Code	126000 - Health Professions, Transfer Core Curriculum
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

The factors that influence health and disease from a population-based perspective, with focus on basic concepts and terminologies of public health and an overview of the history, functions, and accomplishments of public health officials and agencies. Topics include history; health promotion; determinants of health and burden of disease; legal and ethical issues; epidemiology of communicable and non-communicable disease; environmental health; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy and management and career opportunities in public health. Transfer Credit: CSU; UC. C-ID: PHS 101. **C-ID:** PHS 101.

Course Level Student Learning Outcome(s)

1. Describe the approach used in public health to identify a contributory cause of a disease or other condition and to establish the efficacy of an intervention.
2. Identify criteria for evaluating the quality of public health data and information from a variety of sources.
3. Explain the steps in the evidence-based public health process.

Course Objectives

- 1. Identify eras of public health from ancient times to the early 21st century.
- 2. Define the meaning of and distinguish the difference of personal community, public, and population health.
- 3. Illustrate the uses of health care, traditional public health, and social interventions in population health.
- 4. Identify a range of determinants of disease.
- 5. Demonstrate the use of basic epidemiological methods, such as the analysis of rates and the definition of cases, population at risk, risk factors, incidence, prevalence, morbidity, and mortality.
- 6. Analyze current public health issues and describe how they affect societal well-being among specific populations of age, sex, ethnicity, minority, education, and socioeconomic status.
- 7. Illustrate how socioeconomic status and culture affects health.
- 8. Discuss key principles that underlie the ethics of human research.

- 9. Describe the burden of disease caused by communicable and non-communicable diseases.
- 10. Describe the interplay between health determinants, such as environmental conditions, social, behavioral and cultural factors, and biological considerations, and explain the role of each in determining local, national, and global health organization and policy.
- 11. Identify the roles that vaccinations can play in preventing communicable diseases.
- 12. Identify a range of conditions that make eradication of a disease feasible.
- 13. Outline strategies for prevention, detection, and control of infectious and chronic disease.
- 14. Identify the components of environmental risk assessment and apply them to an environmental hazard.
- 15. Describe the basic structure and financing of health care in the United States.
- 16. Describe the basic features of local, state, and federal public health agencies in the United States.
- 17. Identify different public health disciplines, professions, and organizations and explain how each contributes to the field of public health.
- 18. Outline the process of community organizing, building, and health-promotion programming.
- 19. Identify the components of the Whole School, Whole Child, Whole Community (WSCC) model designed to improve learning and health in our nation's schools
- 20. Describe the Dual Diagnosis/Co-Occurring Disorders approach to treating people who suffer from both an addiction and a psychiatric disorder.
- 21. Describe the inter-relationship between human beings and their environment and public health initiatives and policies to protect the planet.
- 22. Identify common practices that contribute to intentional and unintentional workplace injuries and public health policies that would reduce their occurrences.
- 23. Communicate orally and in writing in the scientific language of the discipline.

Lecture Content

Public health discipline Personal versus public health Public health disciplines, professions, and organizations Core functions Historical achievements Current impact Analytical methods of public health Epidemiology Rates Cases Population at risk Risk factors Incidence Prevalence Natality Morbidity Mortality Biomedical basis of public health Infectious conditions Chronic disease Risk factors Genetics Prevention, detection and control Whole School, Whole Child, Whole Community (WSCC) school health promotion model Health Education Physical Education and Physical Activity Nutrition Environment and Services Health Services Counseling, Psychological, and Social Services Social and Emotional Climate Physical Environment Employee Wellness Family Engagement Community Involvement Community organizing and health promotion programming Assessing needs Setting goals and objectives Developing interventions Implementing interventions Evaluating results Social, cultural and behavioral factors in public health Health inequities Demographics Maternal and infant Child Adolescent Adulthood Senior Racial, ethnic and minority groups Education and socioeconomic status Community concerns (not limited to) Dual

Diagnosis/Co-Occurring disorders Addiction Mental disorders Obesity Violence Social determinants of health Gestational endowment Social circumstances Environmental conditions Behavioral choices Access to medical care Individual and community health status Local, state, national, and global health organization and policy Healthcare system Public health versus Western medicine Population-based services Environmental issues in public health (not limited to) Clean air Clean water Garbage Food and drug safety Population control Emergency preparedness Natural disasters Violence Workplace safety Intentional injuries Unintentional injuries Prevention Occupational Safety and Health Association (OSHA) regulations Public health information Credible resources

Method(s) of Instruction

- Lecture (02)
- DE Online Lecture (02X)

Instructional Techniques

Lecture, discussion, media, computer demonstration, Internet exploration, guest speakers

Reading Assignments

Students will complete readings assigned chapters from the course materials, instructor handouts, and articles from online sources.

Writing Assignments

Student will complete written assignments that require them to analyze, interpret, evaluate, and synthesize concepts introduced in the class and draw appropriate conclusions and to present their conclusions in a well-organized and clearly written format.

Out-of-class Assignments

Students will complete group projects, case studies, written assignments, and informational interview from the field of public health.

Demonstration of Critical Thinking

Students are required to complete case studies that provide opportunities to practice and demonstrate critical thinking as they apply public health constructs to situations.

Required Writing, Problem Solving, Skills Demonstration

Students are required to complete written assignments and projects that provide opportunities to practice and demonstrate problem-solving as they work within a group to complete a common task.

Eligible Disciplines

Health: Master's degree in health science, health education, biology, nursing, physical education, kinesiology, exercise science, dietetics, or nutrition OR bachelor's degree in any of the above AND master's degree in public health, or any biological science OR the equivalent. Master's degree required.

Textbooks Resources

1. Required Riegelman, R. Public Health 101: Health People-Health Populations, ed. Jones and Bartlett, 2018 Rationale: Legacy Legacy Textbook Transfer Data: Legacy 2. Required Schneider, M.J. Introduction to Public Health, 6th ed. Jones Bartlett, 2020

Other Resources

1. Coastline Library