

CATALOG INFORMATION

Dept and Nbr: HLC 52

Title: INTRO PUBLIC HEALTH

Full Title: Introduction to Public Health

Last Reviewed: 12/12/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

In this course, students will learn about basic concepts of public health, and the history and accomplishments of public health professionals and agencies. Topics will include the epidemiology and prevention of infectious and chronic diseases.

Prerequisites/Corequisites:

Recommended Preparation:

Eligibility for ENGL 1A or equivalent; and Course Completion or Concurrent Enrollment in HLE 5

Limits on Enrollment:

Schedule of Classes Information:

Description: In this course, students will learn about basic concepts of public health, and the history and accomplishments of public health professionals and agencies. Topics will include the epidemiology and prevention of infectious and chronic diseases. (Grade Only)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 1A or equivalent; and Course Completion or Concurrent

Enrollment in HLE 5
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:	Transferable	Effective: Fall 2018	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Major Applicable Course

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Demonstrate accurate analysis of epidemiological reports on chronic and infectious diseases worldwide.
2. Evaluate aspects of lifestyle changes that can prevent or reduce the prevalence of chronic and infectious diseases in individuals and in the community.

Objectives:

At the conclusion of this course, the student should be able to:

1. Define important foundational concepts in community and public health.
2. Identify different public health professions and organizations and explain how each contributes to the field of public health.
3. Describe the historical development of public health including the most important achievements of public health.
4. Distinguish the difference between personal and public health.
5. Distinguish how public health differs from the traditional Western medicine approach to treating disease and illness.
6. 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.
7. Outline strategies for prevention, detection, and control of infectious and chronic diseases.
8. Outline the process of community organizing and health promotion programming.
9. 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.
10. 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.
11. Describe the organization, financing, and delivery of various medical and population-based

services in the U.S. healthcare system.

12. Identify, assess, and utilize credible information resources on community health current issues, such as the internet, social media, media outlets, and libraries.

Topics and Scope:

I. Definition of Public Health

- A. Distinction between personal and public health
- B. History and accomplishments of public health officials and agencies
- C. Core functions of public health professions and institutions

II. Analytical Methods of Public Health

- A. Epidemiology
- B. Statistics

III. The Biomedical Basis of Public Health

- A. The conquest of infectious disease
- B. New infectious disease
- C. Chronic disease
- D. Genetic disease

IV. Community Organizing and Health Promotion Programming

V. Social and Behavioral Factors in Public Health

- A. Health among ethnic and minority groups
- B. Education and socioeconomic status and health
- C. Community concerns: including, but not limited to addiction, obesity, and violence
- D. Maternal, infant, child, adolescent, and adult health

VI. Environmental Issues in Public Health

- A. Clean air
- B. Clean water
- C. Garbage
- D. Food and drug safety
- E. Population control
- F. Injury prevention
- G. Emergency preparedness

VII. Healthcare Systems

Assignment:

1. Written assignments (2-3), including:
 - A. Health research paper (5-6 pages)
 - B. Analysis of various public health media sources (2-3 pages)
2. Group presentation on a public health issue
3. Quizzes (5-7)
4. Midterm (1) and final exam (1)

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written assignments

Writing 35 - 55%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving
0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations
0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes; midterm and final

Exams
35 - 50%

Other: Includes any assessment tools that do not logically fit into the above categories.

Group presentation

Other Category
10 - 15%

Representative Textbooks and Materials:

Introduction to Public Health. 6th ed. Schneider, Mary-Jane. Jones & Bartlett Learning. 2021.