



C-ID Descriptor

Global Health

Descriptor Details

- **Descriptor Title:** Global Health
- **C-ID Number:** 109
- **Units:** 3
- **Date of Last Revision:** 9/18/2023 06:30:50 PM GMT+0000

General Description

This course introduces the broad band and growing field of global health, global health challenges, programs, and policies. Students will discuss how health and illness are defined and explore the biological, cultural, social, and political factors that influence health at a global level. Topics include comparative health systems; emerging global health priorities, such as infectious conditions, poverty, conflicts, and emergencies; social determinants of health; health systems reform; and major global health initiatives for disease prevention and health promotion. An emphasis is placed on global health ethics, health inequities, and issues of social justice.

Prerequisites

None

Corequisites

None

Advisories

English, one level below transfer (i.e., eligibility for English composition (C-ID ENGL 100) and reading a course with an exiting skill of ability to read a college level text.

Content

1. Global health

- A. Principals
- B. Goals
- C. Status of global health

1. Importance of measuring health status

2. Social and structural determinants of health

- A. Agriculture and food production
- B. Education
- C. Work environment
- D. Living and working conditions
- E. Unemployment and poverty
- F. Water and sanitation
- G. Healthcare services
- H. Housing
- I. Key health indicators

3. Global burden of disease

- A. Demography and health
- B. Culture and health
- C. Environment and health
- D. Nutrition and health
- E. Women's health
- F. Adolescents and young children
- G. Adulthood and aging

- H. Communicable diseases
- I. Noncommunicable diseases and mental disorders
- J. Injuries
- K. Natural disasters and complex humanitarian emergencies

4. Health, Education, Equity, and Economy

- A. Social determinants
- B. Disparities
- C. Education, socioeconomic status, and health status
- D. Public and private health expenditure and health outcomes
 - 1. Health insurance
 - 2. Cost-effectiveness of health interventions
 - 3. Cost-benefit analysis
- E. Global health interventions

5. Ethical and human rights issues

- A. Access to basic human needs, health services, and medicines
- B. Human research subjects
- C. Ethical issues
 - 1. Distributive justice
 - 2. Fair process

6. Health systems

- A. Roles and functions
- B. Public, private, and non-governmental organizations (NGO)
- C. Brain drain
- D. Health inequities

1. Marginalized and vulnerable groups

E. Cultural competence

7. Key organizational actors in global health

A. United Nations

B. International health programs

C. National scientific organizations

D. NGOs

E. Developmental agencies

F. Foundations

G. Advocacy

H. WHO-related partnerships

I. Public-private partnerships

J. University-affiliated programs

K. Human rights organizations

L. Think tanks

8. Improving global health

A. Prioritization strategies

B. Prevention science

C. Intervention

D. Bridging health equity gaps

E. Science and technology

1. Potential

2. Constraints

E. Product development

F. Role of inter-sectoral approaches

G. Policy and program approaches

1. Existing policies and programs

a. Case studies

2. New strategies, policies, and programs

Lab Activities

No information provided

Objectives

1. Define global health, including the principals and goals, and the status of health globally.
2. Describe the social and structural determinants of health and the risk factors for conditions of importance to global health.
3. Describe the burden of disease in various regions of the world, how it varies both within and across countries and among various demographic and racial/ethnic populations, and how the disease burden can be addressed in cost-effective ways.
4. Identify the multi-directional links between health and social and economic factors.
5. Examine the relationship between education, socioeconomic status, and equity and population health status within and among countries.
6. Analyze ethical and human rights concerns, particularly access to basic human needs, health services, and medicines, and the responses to critical needs after a natural and/or human-generated disaster.
7. Analyze health systems and the distribution of resources to meet the health needs of marginalized and vulnerable groups.
8. Describe the roles and relationships of the entities influencing global health, including identifying ways in which they can cooperate to address critical global health issues.
9. Understand how to intervene upon the determinants of disease and other health concerns with the goal of improving individual and global health.
10. Examine case studies related to infectious and non-infectious conditions, reproductive health, nutrition, mental health, injuries, and health issues

particular to certain demographic populations, and describe the challenges to achieving cultural competency, social inclusion, and social justice, and identify ways to contribute to social justice that bridge the health equity gaps and improve health within local communities, nations, and/or the world.

11. Analyze policy and program approaches to prioritizing and addressing global health issues and develop strategies that strengthen community capabilities for overcoming barriers to enable health and well-being.

Evaluation Methods

May include:

Exams

Quizzes

Written Assignments

Projects

Textbooks

Skolnik, Richard. Global Health 101

Jacobsen, Kathryn. Introduction to Global Health