

COURSE OVERVIEW

Public Health is a multidisciplinary field encompassing the theory and methods of the five core disciplines: biostatistics, environmental health, epidemiology, health management and policy, and social and behavioral sciences. Public health research and practice utilize and integrate across these disciplines to understand and respond to health issues and challenges at the population and community level. This course will introduce and examine the evolution of definitions and concepts in the understanding of public health. It will be a means for improving critical thinking to understand public health as an evolving, multifaceted practice. Through a series of lectures, readings, discussions, and historical documentaries, this course presents an introduction to the core disciplines and the history and philosophy of public health. Historical examples of important public health challenges will be used to illustrate the nature, role, and organization of the public health response. This course is taught through a combination of approaches: lectures and group discussions. The set of assigned readings and written assignments will broaden the student's understanding of topics covered in class and reinforce the concept of multidisciplinary integration in public health.

Introduction to Public Health is a Foundation course open for any schools in the University

LEARNING GOALS:

By the end of this course, students should be able to:

1. Describe key features of the historical development of public health, including the most important achievements of public health.
2. Identify and describe core functions of public health
3. Identify the role and contributions of each of the core disciplines in public health
4. Describe the various components of the national, state, and local public health systems.
5. Understand the difference between personal health and public health.
6. Understand the determinants of health from a global perspective, including environmental, social, cultural, behavioral, and biological factors.
7. Outline the concepts of prevention, detection, and control of infectious and chronic diseases.
8. Explain the most important public health problems and issues facing society, including health disparities, aging, injuries, obesity, control of emerging diseases, and emergency preparedness.

Detailed Syllabus:

Unit I Introduction to Human body, Health and Disease

1. Human body and its various systems
2. Concept of health and disease,
3. Natural history of disease,
4. Levels of prevention

Unit II Introduction to Public Health

1. Definition of Public Health and Associated Terms
2. Current Concerns in Public Health: Global and Local
3. Understanding of current public health challenges from their shared experiences or regions
4. Role of Humanities and Social Sciences in Public Health

Unit III History and Evolution of Public Health

1. History of public health
2. Evolution of Public Health
3. Core functions of public health.
4. Scope of public health.

Unit IV. Health and Determinants

1. Dimensions of Health
2. Social determinants of health
3. Health disparities
4. Health among vulnerable populations

COURSE SCHEDULE for academic year 2023 (3rd Semester)

Subject: Introduction to Public Health (MS221)

Credits 3

Venue: Auditorium, College of Integrated Studies

Timings:

Tuesday: 12-1.00 pm

Wednesday: 12-1.00 pm

Thursday: 10.00-11.00 am

L-36, T-0, P-0

Class #	Date/Day	Topic	Faculty member
1.	Thursday 27/7/23	Introduction to human body and various systems	Prof. GKV
2.	Tuesday 1/8/23	Overview of public health	Dr. CTA
3.	Wed 2/8/23	Core public health functions and essential public health services	Prof. BRS
4.	Thursday 3/8/23	Epidemiological Triad – Agent, Host, Environment	Prof. GKV
5.	Tuesday 8/8/23	Public health history, milestones, and accomplishments	Dr. CTA
6.	Wed 9/8/23	National Health Mission (NHM)	Prof. BRS
7.	Thursday 10/8/23	Public health history-Global	Dr. CTA
8.	Wed 16/8/23	Universal Health Coverage (UHC)	Prof. BRS
9.	Thursday 17/8/23	Functions and services of a Primary Health Center	Dr. CTA
10.	Tuesday 22/8/23	National Health Policy	Dr. CTA
11.	Wed 23/8/23	National Health Programs	Dr. CTA
12.	Thursday 24/8/23	Revision	Dr. CTA
13.	Tuesday 29/8/23	Internal Assessment-I	Drs.GKV/BRS/ CTA/ CIS Staff
14.	Wed 30/8/23	Lifestyle and chronic non-communicable disease- I	Dr. MK
15.	Thursday 31/8/23	Lifestyle and chronic non-communicable disease- - II	Dr. MK
16.	Tuesday 5/9/23	Common Eye problems -Infectious	Dr. KVN

17.	Wed 6/9/23	Health, Illness and Disease concepts	Dr. VM
18.	Thursday 7/9/23	Health, Illness and Disease concepts (Contd.,)	Dr. VM
19.	Tuesday 12/9/23	Common Eye problems -Deficiency disorders including dry eye	Dr. KVN
20.	Wed 13/9/23	Gender as a determinant of Health and well being	Dr. VM
21.	Thursday 14/9/23	Social basis of Human and Health Behaviour	Dr. VM
22.	Wed 20/9/23	Community Eye Health	Dr. KVN
23.	Thursday 21/9/23	Social and Health Disparities and Inequities	Dr. VM
24.	Tuesday 26/9/23	Revision	Dr. VM
25.	Wed 27/9/23	Internal Assessment-II	Drs.MK/KVN/ VM/CIS staff
26.	Tuesday 3/10/23	Health among vulnerable population	Dr. AK
27.	Wed 4/10/23	Social determinants of health	Dr. AK
28.	Thursday 5/10/23	Health disparities	Dr. AK
29.	Tuesday 10/10/23	Health among Tribal population	Dr. AK
30.	Wed 11/10/23	Public health disability	Dr. AK
31.	Thursday 12/10/23	Health profile of India (NFHS)	Dr. SDP
32.	Tuesday 17/10/23	Mental health challenges in India	Dr. SDP
33.	Wed 18/10/23	Drug abuse and addiction as public health challenge	Dr. SDP
34.	Thursday 19/10/23	Communicable diseases - Adults	Dr. SDP
35.	Wed 25/10/23	Communicable diseases - Children	Dr. SDP
36.	Thursday 26/10/23	Revision	Dr. SDP
37.	Tuesday 31/10/23	Internal Assessment-III	Drs. AK/SDP/CIS staff
		End semester exam	SoMS faculty/CIS staff

Prof. GKV– Prof. Geeta Vemuganti, Dr. CTA- C.T. Anitha, Prof. BRS- B.R. Shamanna, Dr.MK- Mahadev kalyankar, Dr. AK-Ajitha Katta, Dr.VM-Varalakshmi Manchana, Dr. KVN- Konda Nagraj, Dr. SDP- Surya Durga Prasad.

Reference Books:

1. Social and Behavioral Foundations of Public Health 2nd Edition by M (Marie) Jeannine Coreil
2. Essentials of Health Behavior (Essential Public Health) 2nd Edition by Mark Edberg Integrating Behavioral and Social Sciences With Public Health Edited by Neil Schneiderman, PhD, Marjorie A. Speers, PhD, Julia M. Silva, Henry Tomes, PhD, and Jacquelyn H Gentry, PhD. ISBN: 978-1-55798-721
3. Public Health and Preventive Medicine (Maxcy-Rosenau-Last Public Health and Preventive Medicine) by Robert B. Wallace
4. Oxford Textbook of Public Health by Holland W, Detel R, Know G.
5. Essentials of Preventive medicine by Ghai OP
6. Mary-Jane Schneider, Introduction to Public Health, 2nd ed. Jones and Bartlett, 2006.
7. Essentials of Public Health: BJ Turnock. Jones & Bartlett, 2007