

CODE BSPH-206 COMMUNICABLE & NON COMMUNICABLE DISEASE

EPIDEMIOLOGY

Course Objectives:

After studying this course, you should be able to:

- i. Understand Natural History of disease
- ii. List common infectious disease of public health importance
- iii. Describe the global and national impact of common communicable diseases
- iv. Discuss the strategies of control of common Communicable Diseases in Pakistan
- v. Understand the importance of NCDs in Pakistan
- vi. The awareness of the preventive strategies for NCDs
- vii. Develop the health promotion strategies for NCDs
- viii. Define and prevent injury, accidents and their types

Course Content:

Disease Classification

- i. Communicable Diseases
 - Disease Spread Through Respiratory Tract
 - GIT Infections
 - Vector-Borne Diseases
 - Zoonotic Diseases
 - Contagious Diseases
 - Surface Infections
 - Sexually Transmitted Infections
 - Emerging and Re-emerging Diseases
- ii. Non-Communicable Diseases
 - Hypertension
 - Coronary Heart Diseases
 - Stroke
 - Cancers
 - Blindness
 - Diabetes Mellitus
 - Obesity
- iii. Injuries and Accidents

Recommended Books:

1. Knowledge, Attitude, and Practices of General Population Towards Non Communicable Diseases Dr Farooq Manzoor 2017.
2. Public Health approaches to non-communicable diseases Thakur, J.S 2015.
3. Thakur, J.S non-communicable diseases 2015.

4. Ministry of Health, Government of Pakistan, World Health Organization, Heartfile. National action plan for prevention and control of non-communicable diseases and health promotion in Pakistan: a public-private partnership in health. Islamabad, Pakistan: tripartite collaboration of the Ministry of Health, Government of Pakistan; WHO, Pakistan office, and Heartfile; 2004. Available from: URL: <http://www.heartfile.org/pdf/NAPmain.pdf>
5. Ilene Moroflubkin, with Pamala D. Larsen Chronic Illness 4th Jones & Bortlett Publishers
6. Epidemiology of Communicable and Non-Communicable Diseases: Attributes of lifestyle and Nature of Humankind edited by Fyson Kasenga 2016.
7. Communicable Diseases, 5th Edition: A Global Perspective 5th edition By Roger Webber 2016.
8. Communicable Disease Control and Health Protection Handbook 3rd edition by Jeremy Hawker, Norman Begg, Iain Blair, Ralf Reintjes, Julius Weinberg, Karl Ekdahl 2012.
9. Dicker RC, et. al. Principles of epidemiology: an introduction to applied epidemiology and biostatistics, 2nded. Atlanta, GA, USA: Centers for Disease Control and Prevention, 1992. Self-study course 3030-G. Available from: URL: http://www.phppo.cdc.gov/PHTN//catalog/pdf-file/Epi_Course.pdf
10. Chanawongse K. Understanding primary health care management: from theory to practical reality. Bangkok: Buraphasilp Press; 1990.