

## CODE BSPH-202 POPULATION DYNAMICS

### Course Objectives:

After studying this course, you should be able to:

- i. Define the demographic transition and explain its historical relevance
- ii. Describe the principle mechanisms that are associated with declining mortality, fertility and migration as well as the relationship between these three processes.
- iii. Analyze basic empirical relationships between demographic and socioeconomic conditions.
- iv. Outline both macro and micro level processes of development and their relationship to population change.
- v. Recognize and relate the role of both gender and technology in specific contexts to show their importance in demographic change

### Course Content:

- i. Understanding demography and population dynamics
- ii. Demographic cycle
- iii. International demographic/population trends
- iv. Population dynamic in Pakistan
- v. Life expectancy
- vi. Introduction to family planning
- vii. Population dynamics verses national economy
- viii. Population transition

### Recommended Books:

1. A Primer of Population Dynamics by Krishnan Namboodiri 2013.
2. Eastwood, Robert, and Michael Lipton. "Demographic Transition in sub-Saharan Africa: How Big Will the Economic Dividend Be?" *Population Studies* 65(1). 2011.
3. *Population Dynamics and Supply Systems: A Transdisciplinary Approach* edited by Diana Hummel 2008.
4. Dyson, Tim. "A Partial Theory of World Development: The Neglected Role of the Demographic Transition in the Shaping of Modern Society." *International Journal of Population Geography* 7(2):67–90 2001.
5. Bongaarts, John, W. Parker Mauldin, and James F. Phillips. "The Demographic Impact of Family Planning Programs." *Studies in Family Planning* 21(6):299–310. 1990.
6. Das Gupta, Monica. 1987. "Selective Discrimination Against Female Children in Rural Punjab, India," *Population and Development Review* 13(1).
8. K. Park – Preventive and social medicine
9. Boserup, Ester. 1965. *The Conditions of Agricultural Growth: The Economics of Agrarian Change under Population Pressure*. Routledge.