

**Code: ECON-311**

**Title: Population Economics**

**Credit Hours: 03**

**Objectives:**

This course introduces the students to the subject of demography. The course aims to educate students regarding basic demographic theories, study of demographic processes and population characteristics, demographic trends, basic methods of demographic analysis and the important demographic transitions. In the latter part of the course the focus will be on the relationship between population and issues such as urbanization, family change, population aging and health.

**Course Contents**

**Introduction**

Understanding Demography, Importance of Demography, Sources of Demographic Data, Processes of Demography

**Fertility**

Understanding the Concept; Intercourse, Conception & Gestation Variables, Measuring Fertility, Period Measures of Fertility, Cohort Measures of Fertility, Fertility Trends, Fertility & Population Growth in Pakistan.

**Mortality**

Components of Mortality; Lifespan, Longevity, Causes of Death, Measuring Mortality, Differentials in Mortality, Estimates of Mortality in Pakistan.

**Migration**

Definition & Measurement, Causes of Migration, Internal Vs International Migration, Individual & Social Consequences of Migration, Migration Trends in Pakistan: Causes & Consequences.

**Theories of Population**

Mercantilist Perspective, Malthusian Theory of Population, The Marxist Perspective, John Stuart Mill, Lujo Brentano's Theory, Emile Durkheim's Perspective, The Theory of Demographic Transition, Theory of Relative Income.

**Population Composition: Age & Sex Composition**

Measuring the Age Composition; Measuring the Sex Composition; Impact of Population Processes on the Age Composition; Impact of Age Composition on Population Processes; the Dynamics of Age/Sex Compositions; Age-Stratification Theory

**Population Growth & Ageing**

Demographic Composition of the Elderly: Dynamic Scenarios, Biological & Social Aspects of Aging, Implications for the Society

**Urbanization**

Demographic Components of Urbanization, Internal Rural-to-Urban Migration, Impact of Population Processes, and Urbanization in Pakistan: Trends, Causes & Consequences.

**Population Policy**

Need of Population Policy, Influencing Population Processes, Case Studies of Pakistan.

**Recommended Books:**

- Weeks J. R. (1989). Population: An Introduction to Concepts and Issues, Wadsworth Publishing Company, USA.
- Poston D. L. & L. F. Bouvier (2010). Population and Society: An Introduction to Demography, Cambridge University Press, UK.
- John Piggott & Alan Woodland. (2016). Handbook of the Economics of Population.