

Course Code: ECON-334
Title: Population Economics
Credit Hours: 03

Course 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.

Learning Outcomes:

Students should be able to learn about:

- Demography and the role it plays in the economic growth.

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.

Teaching Methodology:

- To deliver lectures on topics included in course outline
- To require each student to solve independent assignments on topics included in the course.

Evaluation Criteria:

Evaluation Method	
Quizzes/Assignments	
Mid-Term Exam	
Final-Term Exam	

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.