



Course No.	Course Title	Theory	Practice	Credit	Prerequisite(s)
Stat 334	Demography	3	-	3	Stat 302

Objectives

To present the statistical methods and probability models used in the study of population and the treatment of demographic data.

Course Description:

- Definition of : Population, Demography, Census, Vital statistics, ratios and rates.
- The distribution of population according to sex and age, and the Population Pyramid.
- Annual rate of population growth: Linear, Geometric and exponential forms.
- Measurement rates of: Mortality, Migration, Fertility.
- Life tables: Definition, Basic life table functions, Construction of life table.
- Mathematical models related to demographic analysis, Population projections.

Main text books :

Cox, P. R. "Demography" 1987, Cambridge Univ. press, (1990).

Subsidiary books :

Hinde, A (1998), Demographic Methods, Arnold.