

DMG 3148 - FERTILITY STUDIES

Course Objectives:

The objectives of this course are to provide the students with knowledge of the concepts, theories and models of fertility so that the student will be able to analyze the fertility situation in a given context and determine its causes and consequences.

Expected outcomes:

At the end of the course, the student should be able to

- i. critically review fertility theories based on the fertility transition in different countries
- ii. apply fertility measures and models to different fertility conditions
- iii. identify causes of fertility change and its implications

Course Contents:

Topics

1. Introduction:
Definition and basic concepts of fertility; Fertility and infertility/subfertility ; Fecundity and sterility ; The importance of the study of fertility as a demographic component
2. Fertility Measures :
Direct and indirect measures of fertility ; Period measures: CBR, GFR, ASFR, ASSFR, ASMFR, TFR, TMFR, GRR, NRR ; Replacement level fertility ; Cohort measures ; Child women-ratio ; Merits & demerits of the measures.
3. Theories of Fertility
Wealth flow theory - economic theories and social theories of fertility
4. Selected Fertility Models
Davis Blake's model ; Freedman's model, Bongarrts Proximates determinant model.
5. Determinants of Fertility
Demographic determinants ; socio-economic determinants, Psychological Psychic derterminants and Political and Ecological determinants
6. Fertility trends and differentials in developing countries
Fertility trends since 1940's in developing countries special reference to Sri Lanka ; Fertility differentials – social classes, age of the women, urban rural and spatial differences

Assessment	
Method	Weightage
Two Assignments (at 10% each)	20%
Mid-Semester Test	20%
End-of-semester Examination	60%
Total	----- 100% =====