Demography Group

Department of Sociology
Demography

• Demography is the study of the basic demographic processes
  – Fertility
  – Mortality
  – Migration

• It investigates consequences of these processes for population distributions of various kinds
  – Age and sex composition
  – Spatial distribution of population

Source: https://liberalarts.tamu.edu/sociology/graduate/program/demography/
Social demography

- Social demography expands the focus of demography
  - It examines the intersection of demography with social distributions and dynamics
  - Population composition and differences in demographic distributions by race/ethnicity and socioeconomic status
Demographic analysis draws on a specialized set of techniques, methods and models including:

- Life table analysis
- Survival analysis
- Measurement of demographic rates, ratios, and population composition
- Stable population theory
- Decomposition analysis
- Mathematical and simulation models

Source: https://liberalarts.tamu.edu/sociology/graduate/program/demography/
Primary courses in demography (offered every two years)

• SOCI 622: Social Demography (Dr. Campbell)
  Example: http://www.ernestoamaral.com/soci622-20spring.html

• SOCI 632: Migration (Dr. Santana)
  Example: http://www.ernestoamaral.com/soci647-20fall.html

• SOCI 633: Demographic Methods (Dr. Amaral)
  Example: http://www.ernestoamaral.com/soci633-23spring.html

• SOCI 642: Fertility and Mortality

• SOCI 647: Selected Topics
Methods courses (offered every year)

- SOCI 600 Introduction to Sociological Data Analysis
- SOCI 623: Measurement of Sociological Parameters
- SOCI 631: Seminar in Sociological Research
Simulations of student cohorts
(demography courses offered every two years)

Students starting on even years (2022, 2024...)
– 1st semester (Fall)
  600: Introduction to Sociological Data
  623: Parameters
  622: Social Demography

– 2nd semester (Spring)
  631: Sociological Research
  633: Demographic Methods

– 3rd semester (Fall)
  642: Fertility and Mortality*

– 4th semester (Spring)
  632: Migration

Students starting on odd years (2023, 2025...)
– 1st semester (Fall)
  600: Introduction to Sociological Data
  623: Parameters
  642: Fertility and Mortality*

– 2nd semester (Spring)
  631: Sociological Research
  632: Migration

– 3rd semester (Fall)
  622: Social Demography

– 4th semester (Spring)
  633: Demographic Methods

* Fertility and Mortality (642) will be offered depending on hiring new faculty member.
Primary in another area, cross-listing with demography

- SOCI 667: Racial and Ethnic Identities (Dr. Campbell)
- SOCI 667: US-Mexico Border (Dr. Goldsmith)
Undergraduate courses

- SOCI 312: Population and Society
- SOCI 320: Demographic Methods
Important websites

• Texas Research Data Center (TXRDC)
  https://liberalarts.tamu.edu/txrdc/

• Population Association of America (PAA)
  https://www.populationassociation.org

• Integrated Public Use Microdata Series (IPUMS)
  https://ipums.org/

• Resources about Demography and COVID-19