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

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

• 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 (Dr. Fossett)
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)
  **647: Selected Topics**
– 4th semester (Spring)
  **632: Migration**

Students starting on odd years (2023, 2025...)
– 1st semester (Fall)
  600: Introduction to Sociological Data
  623: Parameters
  **647: Selected Topics**
– 2nd semester (Spring)
  631: Sociological Research
  **632: Migration**
– 3rd semester (Fall)
  **622: Social Demography**
– 4th semester (Spring)
  **633: Demographic Methods**
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