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

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 or Dr. Amaral)
  Example: http://www.ernestoamaral.com/soci647-20fall.html

- SOCI 633: Demographic Methods (Dr. Sakamoto)

- SOCI 647: Urban and Spatial Demography (Dr. Fossett)
Simulations of student cohorts
(demography courses offered every two years)

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

– 2nd semester (Spring)
  631: Sociological Research
  320/633: Demographic Methods

– 3rd semester (Fall)
  647: Urban and Spatial Demography

– 4th semester (Spring)
  632: Migration

Students starting on odd years
(2021, 2023...)
– 1st semester (Fall)
  623: Parameters
  647: Urban and Spatial Demography

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

– 3rd semester (Fall)
  622: Social Demography

– 4th semester (Spring)
  320/633: 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)
Methods courses (offered every year)

• SOCI 623: Measurement of Sociological Parameters

• SOCI 631: Seminar in Sociological Research
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