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)
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
## Simulations of student cohorts

<table>
<thead>
<tr>
<th>Students starting on even years (2020, 2022...)</th>
<th>Students starting on odd years (2021, 2023...)</th>
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</thead>
<tbody>
<tr>
<td>– 1st semester (Fall)</td>
<td>– 1st semester (Fall)</td>
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<tr>
<td>623: Parameters</td>
<td>623: Parameters</td>
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<tr>
<td>632: Migration</td>
<td>647: Urban and Spatial Demography</td>
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<tr>
<td>– 2nd semester (Spring)</td>
<td>– 2nd semester (Spring)</td>
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<tr>
<td>631: Sociological Research</td>
<td>631: Sociological Research</td>
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<td>320/633: Demographic Methods</td>
<td>622: Social Demography</td>
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<td>– 3rd semester (Fall)</td>
<td>– 3rd semester (Fall)</td>
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<td>647: Urban and Spatial Demography</td>
<td>632: Migration</td>
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<td>– 4th semester (Spring)</td>
<td>– 4th semester (Spring)</td>
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<tr>
<td>622: Social Demography</td>
<td>320/633: Demographic Methods</td>
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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