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
Primary courses in demography (offered every two years)

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

- SOCI 633: Demographic Methods (Dr. Sakamoto)

- SOCI 647: Migration (Dr. Santana or Dr. Amaral)
  Example: [http://www.ernestoamaral.com/soci647-20fall.html](http://www.ernestoamaral.com/soci647-20fall.html)

- 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>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1st semester (Fall)</strong></td>
<td><strong>1st semester (Fall)</strong></td>
</tr>
<tr>
<td>623: Parameters</td>
<td>623: Parameters</td>
</tr>
<tr>
<td>647: Migration</td>
<td>647: Urban and Spatial Demography</td>
</tr>
<tr>
<td><strong>2nd semester (Spring)</strong></td>
<td><strong>2nd semester (Spring)</strong></td>
</tr>
<tr>
<td>631: Sociological Research</td>
<td>631: Sociological Research</td>
</tr>
<tr>
<td>320/633: Demographic Methods</td>
<td>622: Social Demography</td>
</tr>
<tr>
<td><strong>3rd semester (Fall)</strong></td>
<td><strong>3rd semester (Fall)</strong></td>
</tr>
<tr>
<td>647: Urban and Spatial Demography</td>
<td>647: Migration</td>
</tr>
<tr>
<td><strong>4th semester (Spring)</strong></td>
<td><strong>4th semester (Spring)</strong></td>
</tr>
<tr>
<td>622: Social Demography</td>
<td>320/633: Demographic Methods</td>
</tr>
</tbody>
</table>
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