

# DEPARTMENT OF DEMOGRAPHY

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Currently, degree programs are in effect at the graduate level only. (See the *UTSA Graduate Catalog* for further information.)

## Demography (DEM) Courses

### **DEM 3223. Population Dynamics and Demographic Techniques. (3-0) 3 Credit Hours.**

Introduces the common methods, techniques, and models employed by demographers. Topics may include demographic data sources, introduction to life table techniques; construction, standardization, and decomposition of rates; measures of concentration and diversity; and population growth projections. Students will become familiar with microcomputer programs for demographic analysis. (Same as SOC 3223. Credit cannot be earned for both DEM 3223 and SOC 3223.)

### **DEM 3323. Introduction to Social Research. (3-0) 3 Credit Hours.**

Introduction to the philosophy of science and the logic of research design. Examines a variety of social research designs including experiments, survey research, content analysis, and historical analysis. Course emphasizes techniques related to information gathering, basic data analysis, and reporting findings. (Same as SOC 3323. Credit cannot be earned for both DEM 3323 and SOC 3323.)

### **DEM 3393. Quantitative Research Methods. (3-0) 3 Credit Hours.**

Application of conceptualization and operationalization in the quantitative analysis of a variety of sociological subjects. Use of elementary measures of central tendency and dispersion, cross tabulations, and linear model procedures to evaluate relationships among variables; problems of descriptions and inference. Includes the use of standard computer packages and secondary analysis of data. (Same as SOC 3393. Credit cannot be earned for both DEM 3393 and SOC 3393.) Course fees: LRHC \$10; STHC \$18.

### **DEM 4013. Geographic Information Systems for Population Analysis and Policy. (3-0) 3 Credit Hours.**

This course will introduce the use of Geographic Information Systems (GIS) software, with applications in demography and policy-related disciplines. As part of the course, students will work on real data related to measuring population composition and change, with special relevance to policy related decision making. Course Fees: LRHC \$10; STHC \$18.

### **DEM 4863. Special Topics In Demography. (3-0) 3 Credit Hours.**

An organized course offering the opportunity for a specialized topic at the lower division level that is not available through the regular course offerings. Special Topics may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fee: LRHC \$10; STHC \$18.

### **DEM 4963. Social Demography and Public Policy. (3-0) 3 Credit Hours.**

This course will cover the basic areas of demography (fertility, mortality, and migration—both internal and international). Students will also be exposed to methods of demographic research to carry out demographic research projects. As part of the course, students will conduct demographic analysis using real data. A strong focus of the course will be discussing the implications for demographic analysis in terms of local, regional, and national policy discussions. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.