

Demography

College of Letters and Science (<http://ls.berkeley.edu>)

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Department Website: Demography (<http://demog.berkeley.edu>)

Overview

The Department of Demography offers an interdisciplinary training program leading to the MA and PhD in demography. Demography is the systematic study of human populations, a topic central to many pressing policy issues such as the economic development of Third World countries, population aging, the environment, health and mortality, family and household change, immigration, and ethnicity. Demography also has strong intellectual and institutional ties to other fields such as sociology, economics, social history, anthropology, biology, public health, and statistics. The program at UC Berkeley is one of the few in the United States granting graduate degrees in demography, rather than offering demography only as a field of specialization within some other department. This training strategy permits greater concentration and depth in demography, as well as program flexibility and breadth in related subjects. The program stresses both quantitative aspects of demography and demography in the context of social science theory.

No Undergraduate Major

Although there is no undergraduate major, seniors may take graduate courses with consent of the instructor. The department offers an undergraduate minor in demography, which is open to all interested undergraduates at Berkeley. (See below.)

Graduate Programs

The master's degree in demography is designed both as a final degree for those who wish to pursue a professional career at that level of training, and as a second degree for students earning a doctorate in demography or a related discipline. The basic coursework for the master's program is required for the doctoral degree as well.

Students already enrolled at a UC campus or at Stanford University are admissible to demography courses if they have completed the prerequisites. Students already enrolled in another graduate program at Berkeley who wish to earn a degree in demography may apply by executing a change or addition of major.

Students not already enrolled at Berkeley who wish to enter the degree programs or pursue coursework only for professional development should complete the required application and submit it to the student affairs officer in the department's main office. The general deadlines for application specified by the Graduate Division apply, as do the general degree program requirements of the Academic Senate and the Graduate Division. For specific degree requirements, please consult the department's website (<http://www.demog.berkeley.edu>) or contact the graduate student services adviser.

Doctoral students in demography are required to have or to earn a master's degree in an allied discipline.

Graduate Group in Sociology and Demography (PhD Program)

See the listing under Sociology and Demography (http://sis.berkeley.edu/catalog/gcc_view_req?p_dept_cd=SOCDEM), or go to the website. (<http://demog.berkeley.edu/students/socdemog.shtml>)

Minor Requirements

UC students may complete one or more minor programs, normally in a field both academically and administratively distinct from their major.

The undergraduate minor in demography provides an opportunity to combine a traditional major, typically in one of the social sciences, with specialized training in population studies. Students in the minor must complete, with a grade point average (GPA) of at least 2.0 (C), a total of five upper division courses. All courses applied to the minor must be taken for a letter grade. The courses are chosen as follows:

1. Three required courses: Demography 110, 126, and 175. Substitutions are not allowed.
2. One elective course from Public Health 140 or 142A; Economics 140 or 141; Sociology 105; Statistics 102, 131A, 135, or Psychology 101. These courses are in statistical methods or vital statistics. Similar courses of at least three units may be substituted with consent of the department.
3. One elective course from Demography 140, 145, 164, 165, 189; Economics 155, 157, or 171; History 137; Sociology 111, 125. These are courses in social science dealing with demographic factors. Similar courses of at least three units may be substituted with consent of the department.
4. At least three of the five required courses must be completed at Berkeley. *Note:* According to University policy, no more than one course can be counted for both a student's major and minor degrees.

For up-to-date information about course requirements, go to the website. (<http://demog.berkeley.edu/degrees/undergraduate.shtml>)

DEMOG 5 Fundamentals of Population Science 3 Units

Department: Demography

Course level: Undergraduate

Term course may be offered: Fall

Grading: Letter grade.

Hours and format: 3 hours of Lecture and 1 hour of Discussion per week for 15 weeks.

This course provides an accessible introduction to the social science of demography. The course is organized around cases in which population issues raise policy or ethical dilemmas (example: China's one child policy). Through these cases, students will learn how demographers use models and data to acquire knowledge about population. Throughout the course, students will also learn to read, interpret, evaluate, and produce tabular and graphical representations of population data.

Instructor: Johnson-Hanks

DEMOG 98 Directed Group Study 1 - 4 Units

Department: Demography

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: Offered for pass/not pass grade only.

Hours and format: 1 to 3 hour of Tutorial per week for 15 weeks.

Undergraduate research by small groups.

Course may be repeated for credit. Course may be repeated for credit when topic changes.

DEMOG 110 Introduction to Population Analysis 3 Units

Department: Demography

Course level: Undergraduate

Term course may be offered: Fall

Grading: Letter grade.

Hours and format: 3 hours of Lecture per week for 15 weeks.

Measures and methods of Demography. Life tables, fertility and nuptiality measures, age pyramids, population projection, measures of fertility control.

Instructor: Wachter

DEMOG C126/SOCIOL C126 Social Consequences of Population Dynamics 4 Units

Department: Demography; Sociology

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: Letter grade.

Hours and format: 3 hours of Lecture and 1 hour of Discussion per week for 15 weeks.

Prerequisites: 1 or 3 or 3AC or consent of instructor.

Introduction to population issues and the field of demography, with emphasis on historical patterns of population growth and change during the industrial era. Topics covered include the demographic transition, resource issues, economic development, the environment, population control, family planning, birth control, family and gender, aging, intergenerational transfers, and international migration.

DEMOG 145AC/HISTORY C139B The American Immigrant Experience 4 Units

Department: Demography; History

Course level: Undergraduate

Term course may be offered: Spring

Grading: Letter grade.

Hours and format: 3 hours of lecture, 1 hour of self-paced laboratory and 1 hour of optional discussion section per week.

The history of the United States is the history of migration. The course covers the evolution of the American population from about 20,000 BC with the goal of understanding the interdependent roles of history and demography. As an American cultures class, special attention is given to the experiences of 18th- and 19th-century African and European immigrants and 20th- and 21st-century Asian and Latin American