

# Demography

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.

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.

## Admission to the University Applying for Graduate Admission

Thank you for considering UC Berkeley for graduate study! UC Berkeley offers more than 120 graduate programs representing the breadth and depth of interdisciplinary scholarship. The Graduate Division hosts a complete list (<https://grad.berkeley.edu/admissions/choosing-your-program/list/>) of graduate academic programs, departments, degrees offered, and application deadlines can be found on the Graduate Division website.

Prospective students must submit an online application to be considered for admission, in addition to any supplemental materials specific to the program for which they are applying. The online application and steps to take to apply can be found on the Graduate Division website (<https://grad.berkeley.edu/admissions/steps-to-apply/>).

## Admission Requirements

The minimum graduate admission requirements are:

1. A bachelor's degree or recognized equivalent from an accredited institution;
2. A satisfactory scholastic average, usually a minimum grade-point average (GPA) of 3.0 (B) on a 4.0 scale; and
3. Enough undergraduate training to do graduate work in your chosen field.

For a list of requirements to complete your graduate application, please see the Graduate Division's Admissions Requirements page (<https://grad.berkeley.edu/admissions/steps-to-apply/requirements/>). It is also important to check with the program or department of interest, as they may have additional requirements specific to their program of study and degree. Department contact information can be found here (<https://guide.berkeley.edu/graduate/degree-programs/>).

## Where to apply?

Visit the Berkeley Graduate Division application page (<http://grad.berkeley.edu/admissions/apply/>).

## Admission to the Program

Applicants may apply for the Master's in Demography, PhD in Demography or the PhD in Sociology and Demography.

The Department of Demography requires all applicants for our graduate programs to take the general portion of the Graduate Record Examination (GRE). GRE scores are valid for 5 years. There are no minimum required scores.

## Normative Time Requirements

### Normative Time to Advancement

Normative time to advancement to doctoral candidacy for the Demography PhD is six semesters from the time the student entered the program.

Demography students are to complete all required coursework for the Demography master's degree, whether or not they choose to earn the MA degree. Required courses (i.e., 110, C126 or 200, C175, 210) must be taken on a letter-grade basis. Demography courses 110, 210 and C175 must be passed at a B or above. At the end of the first year, all students must pass a comprehensive final examination on demographic methods and substance. MA candidates receive their degree upon successful completion of this examination and all necessary coursework. PhD students advance to the second and third years of study, which consists of additional course work, writing a dissertation prospectus, taking required CITI training courses and passing the oral qualifying exam.

### Normative Time in Candidacy

Normative time in doctoral candidacy for the Demography PhD degree is four semesters.

### Total Normative Time

Total normative time is ten semesters.

## Time to Advancement

### Curriculum

#### Courses Required

DEMOG 110	Introduction to Population Analysis	3
DEMOG/ECON C175	Economic Demography	4
DEMOG 200	Fundamentals of Population Thought	4
	or DEMOG C126; Sex, Death, and Data	
DEMOG 210	Demographic Methods: Rates and Structures	4
DEMOG 213	Practical Computer Applications for Demographic Analysis	2
DEMOG 296	Advanced Research Techniques	4
Electives (graduate-level courses selected from any subject, with advisor approval)		7

## Coursework and Preliminary Examination

During the first year of study students in all demography and sociology degree programs complete the required coursework (24 units) and then take the preliminary examination at the end of the spring semester.

## Additional Course Work

Those working for a doctoral degree are expected to complete course work in a different but related subject (e.g., sociology (<http://sociology.berkeley.edu/>), economics (<http://emlab.berkeley.edu/econ/>), anthropology (<http://anthropology.berkeley.edu/>), statistics (<http://statistics.berkeley.edu/>), public policy (<http://gspp.berkeley.edu/>), public health (<http://sph.berkeley.edu/>), biostatistics (<http://www.stat.berkeley.edu/biostat/>), regional planning (<http://dcrp.ced.berkeley.edu/>), geography (<http://geography.berkeley.edu/>)). This additional coursework must be completed before the dissertation stage. Each student will consult with the advisor to create a second-year coursework plan that best compliments their academic goals, research and interests and will be determined on an individual basis. PhD students may choose to pursue an ancillary MA degree during this time. Students apply to the ancillary degree department directly.

## Dissertation Prospectus

The dissertation prospectus is developed in the context of a research seminar, Demography 296. Doctoral students are expected to enroll in 296 every semester until the prospectus is complete, which should occur within three years after matriculation.

## Oral Qualifying Examination

The oral qualifying examination for admission to doctoral candidacy should be taken during the second or third year (depending on the time needed for the completion of the student's ancillary master's program).

## CITI Human Subjects Training.

Students are required to take CITI Human Subjects training as specified by the Office for the Protection of Human Subjects before advancing to doctoral candidacy. For more information please see the OPHS website (<http://cphs.berkeley.edu/>)

## Time in Candidacy

### Dissertation

Upon successful completion of the oral qualifying exam and the prospectus, students enter into the final phase of the program, doctoral candidacy. During this period, students are expected to take another research seminar, DEMOG 296, every semester until the completion of the dissertation. The department does not require a formal defense of the completed dissertation.

## Required Professional Development

The department does not formally require professional development but all students are encouraged to attend the weekly Demography Brown Bag Presentation Series. Students are also encouraged to attend and present papers at the annual Population Association of America meeting or other demographic conferences.

## Unit Requirements

Plan II requires at least 24 semester units of upper division and graduate courses, followed by a comprehensive examination. At least 12 units must in the 200 series demography courses. Courses in the 300 series do not count in the unit requirements. A maximum of 6 units of 298/299

course work can be used toward the degree. The same course work cannot be used toward two different master's degrees unless it is part of an approved concurrent master's program. Two-thirds of all course work (not only those courses required for the master's program) must be letter-graded and only courses graded C- or better, or Satisfactory may be counted towards degree requirements. Demography courses 110, 210 and C175 must be passed at a B or above.

## Curriculum

### Courses Required

DEMOG 110	Introduction to Population Analysis	3
DEMOG/ECON C175	Economic Demography	4
DEMOG 200	Fundamentals of Population Thought or DEMOG C175: Sex, Death, and Data	4
DEMOG 210	Demographic Methods: Rates and Structures	4
DEMOG 213	Practical Computer Applications for Demographic Analysis	2
Electives (graduate-level courses selected from any subject, with advisor approval)		7

## Advancement to Candidacy

Students making adequate progress in the MA coursework are advanced to MA candidacy during the second semester.

## Preliminary/Comprehensive Exam

Students take a comprehensive exam at the end of the second semester. No master's thesis is required.

## Demography

### DEMOG 5 Fundamentals of Population Science 3 Units

Terms offered: Summer 2025 Second 6 Week Session, Summer 2024 Second 6 Week Session, Summer 2019 Second 6 Week Session

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.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3-3 hours of lecture and 0-1 hours of discussion per week

#### Summer:

6 weeks - 7.5-7.5 hours of lecture and 0-2.5 hours of discussion per week

8 weeks - 6-6 hours of lecture and 0-2 hours of discussion per week

10 weeks - 4.5-4.5 hours of lecture and 0-1.5 hours of discussion per week

#### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Johnson-Hanks

### DEMOG 88 Immigration: What do the data tell us? 2 Units

Terms offered: Fall 2019, Fall 2018, Fall 2017

This course will cover the small but important part of the rich history human migration that deals with the population of the United States--focusing on the 20th and 21st Centuries. We will use the tools of DS8 to answer specific questions that relate to the themes of this course:

- (1) Why do people migrate?
- (2) Is immigration good or bad for receiving (and sending) countries?
- (3) How do immigrants adapt and how do societies change in response?

In addition to scientific questions, this course will also address the demographic and political history of immigration in the US -- an understanding of which is crucial for understanding both the broad contours of US history and the particular situation in which we find ourselves today.

#### Objectives & Outcomes

**Student Learning Outcomes:** This course will enhance the experience of DS8 by challenging students to use the tools of DS8 to address current questions with real data. By accessing and using much larger and messier datasets than are used in the main course, students will gain technical skills as well as confidence in their ability to use data to answer questions.

#### Rules & Requirements

**Prerequisites:** Prerequisites and Restrictions (if any): Corequisite or Prerequisite: Foundations of Data Science (COMPSCI C8 / INFO C8 / STAT C8). This course is a Data Science connector course and is meant to be taken concurrent with or after COMPSCI C8/ INFO C8 / STAT C8. Students may take more than one Data Science connector course if they wish, concurrent with or after having taken the C8 course

#### Hours & Format

**Fall and/or spring:** 15 weeks - 1-2 hours of lecture, 0-1 hours of discussion, and 0-1 hours of laboratory per week

#### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Alternate method of final assessment during regularly scheduled final exam group (e.g., presentation, final project, etc.).

**Instructor:** Carl Mason

## DEMOG 98 Directed Group Study 1 - 4 Units

Terms offered: Fall 2017, Spring 2017, Fall 2016

Undergraduate research by small groups.

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-3 hours of tutorial per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

## DEMOG 110 Introduction to Population Analysis 3 Units

Terms offered: Fall 2025, Fall 2024, Summer 2024 Second 6 Week Session

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

### Hours & Format

**Fall and/or spring:** 15 weeks - 3-3 hours of lecture and 0-1 hours of discussion per week

### Summer:

6 weeks - 7.5-7.5 hours of lecture and 0-2.5 hours of discussion per week

8 weeks - 6-6 hours of lecture and 0-2 hours of discussion per week

10 weeks - 4.5-4.5 hours of lecture and 0-1.5 hours of discussion per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Wachter

## DEMOG C126 Sex, Death, and Data 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

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.

### Rules & Requirements

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

### Hours & Format

**Fall and/or spring:** 15 weeks - 3-3 hours of lecture and 0-2 hours of discussion per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Also listed as:** SOCIOL C126

## DEMOG 130 Demography of Deaths, Diseases, and Disasters 4 Units

Terms offered: Prior to 2007

Fundamentals of demographic analysis of health and mortality with a special focus on global public health challenges including those induced by climate change. Class will focus on essential concepts from demography and public health, global and historical shifts in mortality and morbidity patterns, and the determinants of health and mortality over the life course, including environmental determinants. Students' will develop their own research project related to health and mortality using real-world demographic data. Students will learn to interpret, construct, and calculate common demographic and public health indicators, and will develop a basic toolkit for analyzing health and mortality data.

### Rules & Requirements

**Prerequisites:** Introductory statistics course and some experience with a programming language (preferably R), or consent of the instructor

### Hours & Format

**Fall and/or spring:** 15 weeks - 3-3 hours of lecture and 0-1 hours of discussion per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

**Instructor:** Mahmud

## DEMOG 145AC The American Immigrant Experience 4 Units

Terms offered: Spring 2015, Spring 2014, Spring 2013

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 immigrants. Two substantial laboratory assignments; facility with a spreadsheet program is assumed.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Mason

**Also listed as:** HISTORY C139B

## DEMOG 160 Special Topics in Demography 3 Units

Terms offered: Spring 2020, Fall 2018, Fall 2017

Special topics in demography. Topics may include the demography of specific world regions, race and ethnicity, population and policy, and population and environment and similar specialized or new topics in the field of demography will be covered.

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

## DEMOG N160 Summer Special Topics in Demography 2 Units

Terms offered: Prior to 2007

Special topics in demography. Topics may include any subject in demography and may be specific world regions, race and ethnicity, population and policy, and population and environment and similar specialized or new topics in the field of demography will be covered. Designed primarily to permit instructors to teach a current relevant topic that may be focused and specialized or a topic with broad appeal. Topics change each summer.

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit when topic changes.

### Hours & Format

**Summer:** 6 weeks - 4 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

## DEMOG 161 Population Apocalypse in Film and Science 3 Units

Terms offered: Fall 2015, Spring 2015

Despite our astonishing demographic success as a species, humans are haunted by the idea of apocalyptic demise. This course explores scientific and cultural narratives of population catastrophe particularly as presented in film. Noah's flood; nuclear annihilation; overpopulation; and climate change all raise the question: Does human nature carry within it the seeds of our inevitable destruction? In this course, we will grapple with both the science and the art in which this question is embedded.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructors:** Mason, Goldstein

## DEMOG C164 Impact of Government Policies on Poor Children and Families 4 Units

Terms offered: Spring 2007

Examination of the impact of policies of state intervention and public benefit programs on poor children and families. Introduction to child and family policy, and study of specific issue areas, such as income transfer programs, housing, health care, and child abuse.

### Rules & Requirements

**Credit Restrictions:** This course may be applied to the Demography major.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Mauldon

**Also listed as:** PUB POL C164

## DEMOG C165 Family and Household in Comparative Perspective 3 Units

Terms offered: Spring 2012, Fall 2008, Spring 2005

How are families and households organized around the world? Which aspects of household and family vary, and which are constant? What are the relationships between household and family on the one hand and the political, economic, or broad social patterns on the other? This course examines all of these questions, taking historical and contemporary examples from Africa, Asia, Europe, and the Americas.

### Rules & Requirements

**Prerequisites:** Sociology 1, 3, 3AC or consent of instructor

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Also listed as:** SOCIOL C184

## DEMOG C175 Economic Demography 4 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

A general introduction to economic demography, addressing the following kinds of questions: What are the economic consequences of immigration to the U.S.? Will industrial nations be able to afford the health and pension costs of the aging populations? How has the size of the baby boom affected its economic well being? Why has fertility been high in Third World countries? In industrial countries, why is marriage postponed, divorce high, fertility so low, and extramarital fertility rising? What are the economic and environmental consequences of rapid population growth?

### Rules & Requirements

**Prerequisites:** Economics 1 or 2

### Hours & Format

**Fall and/or spring:** 15 weeks - 3-3 hours of lecture and 0-1 hours of discussion per week

### Summer:

6 weeks - 7.5-7.5 hours of lecture and 0-2.5 hours of discussion per week

8 weeks - 6-6 hours of lecture and 0-2 hours of discussion per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Lee

**Formerly known as:** Demography C175, Economics C175

**Also listed as:** ECON C175



## DEMOG 180 Social Networks 4 Units

Terms offered: Fall 2025, Fall 2024, Summer 2024 Second 6 Week Session

The science of social networks focuses on measuring, modeling, and understanding the different ways that people are connected to one another. We will use a broad toolkit of theories and methods drawn from the social, natural, and mathematical sciences to learn what a social network is, to understand how to work with social network data, and to illustrate some of the ways that social networks can be useful in theory and in practice. We will see that network ideas are powerful enough to be used everywhere from UNAIDS, where network models help epidemiologists prevent the spread of HIV, to Silicon Valley, where data scientists use network ideas to build products that enable people all across the globe to connect with one another.

### Rules & Requirements

**Prerequisites:** Suggested: Introduction to Statistics (Computer Science/Information/Statistics C8 or "Data 8"), Pre-calculus (Mathematics 32), Python, or consent of instructor

### Hours & Format

**Fall and/or spring:** 15 weeks - 3-3 hours of lecture and 0-1 hours of discussion per week

### Summer:

6 weeks - 7.5-7.5 hours of lecture and 0-2.5 hours of discussion per week

8 weeks - 6-6 hours of lecture and 0-2 hours of discussion per week

10 weeks - 4.5-4.5 hours of lecture and 0-1.5 hours of discussion per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Feehan

## DEMOG 198 Directed Group Study 1 - 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Undergraduate research by small groups. Enrollment is restricted by regulations governing 198 courses.

### Rules & Requirements

**Prerequisites:** 60 units; good academic standing

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-3 hours of directed group study per week

**Summer:** 8 weeks - 1.5-7.5 hours of directed group study per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

## DEMOG 199 Supervised Independent Study 1 - 4 Units

Terms offered: Fall 2019, Summer 2019, Fall 2018

Supervised independent study and research.

### Rules & Requirements

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-3 hours of independent study per week

**Summer:** 8 weeks - 1-3 hours of independent study per week

### Additional Details

**Subject/Course Level:** Demography/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

## DEMOG 200 Fundamentals of Population Thought 4 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

This course offers an intensive introduction to the history of population thought in Europe and the United States through the close reading and contextualization of selected classic texts, including Graunt, Malthus, and Quetelet.

Required of graduate students in the M.A. or Ph.D. program in Demography.

### Rules & Requirements

**Prerequisites:** Consent of instructor

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Johnson-Hanks

## DEMOG 210 Demographic Methods: Rates and Structures 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Population models, multiple decrement life tables, hazard functions, stable population theory, projection matrices, projection programs, population waves, dual system estimation, computer-based exercises and simulations. Required course for Demography M.A. and Ph.D. students.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Wachter

## DEMOG 211 Advanced Demographic Analysis 4 Units

Terms offered: Spring 2014, Spring 2013, Spring 2012

This course is designed to provide an overview of quantitative techniques commonly used in demography, sociology, economics, and other social sciences. Methods are described in both words and formulas, and students are encouraged to learn to move freely between verbal and mathematical representations of data.

### Rules & Requirements

**Prerequisites:** 210, Population Studies 110, or consent of instructor

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Wilmoth

## DEMOG 213 Practical Computer Applications for Demographic Analysis 2 Units

Terms offered: Fall 2025, Fall 2024, Fall 2021

An introductory course for first year Demography graduate students in the use of the Demography laboratory. Covers Unix based tools for manipulating computer programs and data files, and the R, SPlus, and SAS statistical packages. The course introduces the proportional hazard model and methods of estimating it. The final project for this course is use of the 1995 Current Population Survey (fertility supplement) to compute Total Fertility Rates for the U.S.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of demonstration per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Instructor:** Mason

## DEMOG 215 Current Research Topics in Demography 2 Units

Terms offered: Fall 2010, Spring 2009, Spring 2008

The goals of this course are 1) to familiarize graduate students with active research projects in Demography and 2) to improve skills in R and Stata. Topics covered include demographic micro-simulation with SOCSIM, the Human Mortality Database, stochastic simulation/forecasting, GIS for Demographers, and mortality forecasting. Two-thirds of class time will be spent in the computer laboratory. Students will present results.

### Rules & Requirements

**Prerequisites:** 213

### Hours & Format

**Fall and/or spring:** 15 weeks - 1 hour of lecture and 2 hours of laboratory per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

## DEMOG 220 Human Fertility 4 Units

Terms offered: Spring 2025, Spring 2018, Spring 2013

This course offers a critical, graduate-level introduction to the social science of reproduction, drawing especially on models and theories from demography, sociology, and anthropology. Among the topics are parity specific control and the calculus of conscious choice, below-replacement fertility, and the political economy of stratified reproduction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Johnson-Hanks

## DEMOG 230 Human Mortality 4 Units

Terms offered: Spring 2015, Spring 2011, Spring 2009

Measurement of mortality by age and cause. Traditional, transitional, and modern mortality patterns in European and non-European areas. Current trends and differentials by age, sex, race, occupation and marital status. Consequences of mortality declines for fertility change and development.

### Rules & Requirements

**Prerequisites:** 210 or consent of instructor

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Wilmoth



## DEMOG C236 Aging: Economic and Demographic Aspects 2 Units

Terms offered: Spring 2006, Spring 2004, Spring 2002

Course considers demographic and economic aspects of population aging.

### Hours & Format

**Fall and/or spring:** 7.5 weeks - 2 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Lee

**Also listed as:** ECON C275B

## DEMOG 240 Human Migration 2 Units

Terms offered: Spring 2013, Spring 2011, Spring 2000

Human populations analyzed from the stand point of their spatial distribution and movement. Special attention to rural-urban migration, metropolitan structure, inter-regional movement, and demographic aspects of land-use, the collection and analysis of emigration and immigration data and statistics, migration policies.

### Hours & Format

**Fall and/or spring:** 7.5 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

## DEMOG 260 Special Topics in Demography Seminar 1 - 4 Units

Terms offered: Fall 2025, Spring 2025, Fall 2024

Special topics in demography, such as anthropological and evolutionary approaches, kinship and family structure, race and ethnicity, and similar specialized or new topics in the field of demography will be covered.

Seminar will be offered according to student demand.

### Rules & Requirements

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit when topic changes.

### Hours & Format

#### Fall and/or spring:

6 weeks - 2.5-9.5 hours of seminar per week

8 weeks - 2-7 hours of seminar per week

10 weeks - 1.5-6 hours of seminar per week

15 weeks - 1-4 hours of seminar per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

## DEMOG C275A Economic Demography 3 Units

Terms offered: Spring 2022, Spring 2019, Spring 2015

Economic consequences of demographic change in developing and developed countries including capital formation, labor markets, and intergenerational transfers. Economic determinants of fertility, mortality and migration.

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Lee

**Also listed as:** ECON C275A

## DEMOG C280 Social Networks 4 Units

Terms offered: Fall 2025, Fall 2023, Fall 2022

This course provides a broad introduction to the empirical and theoretical study of social networks. We will cover classic and contemporary studies, beginning with fundamental definitions and models, and then moving through a range of topics, including models of network formation and structure (homophily, foci, communities); dynamic processes on networks (contagion, influence, and disease models); collaborative networks; personal networks; online networks; and network sampling and data collection. The course material is intended to be of interest to students from a wide range of disciplinary backgrounds, including demography, sociology, statistics, computer science, and related fields.

### Rules & Requirements

**Credit Restrictions:** Students who have taken DEMOG 260-001: SOCIAL NETWORKS in spring 2017 or DEMOG 260-001: SOCIAL NETWORKS in spring 2018 for credit may not receive credit for DEMOG C280 or SOCIOL C273N.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

**Instructor:** Feehan

**Also listed as:** SOCIOL C273N

## DEMOG 296 Advanced Research Techniques 4 Units

Terms offered: Spring 2025, Fall 2023, Fall 2018

Problems in data acquisition, analysis, and presentation of technical demographic research. Required of graduate students in the Ph.D. program in Demography.

### Rules & Requirements

**Prerequisites:** 295 and consent of instructor

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

## DEMOG 298 Directed Reading 1 - 12 Units

Terms offered: Fall 2025, Spring 2025, Fall 2024

Intended to provide directed reading in subject matter not covered in available course offerings.

### Rules & Requirements

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-12 hours of independent study per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

## DEMOG 299 Directed Research 1 - 12 Units

Terms offered: Fall 2025, Summer 2025 8 Week Session, Spring 2025

Intended to provide supervision in the preparation of an original research paper or dissertation.

### Rules & Requirements

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-12 hours of independent study per week

**Summer:** 8 weeks - 1.5-22.5 hours of independent study per week

### Additional Details

**Subject/Course Level:** Demography/Graduate

**Grading:** Letter grade.

## DEMOG 301 GSI Training 1 - 6 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Course credit for experience gained in academic teaching through employment as a graduate student instructor.

### Rules & Requirements

**Prerequisites:** Appointment as a graduate student instructor in department

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-6 hours of seminar per week

**Summer:** 8 weeks - 1-6 hours of seminar per week

### Additional Details

**Subject/Course Level:** Demography/Professional course for teachers or prospective teachers

**Grading:** Offered for satisfactory/unsatisfactory grade only.

## DEMOG 601 Individual Study 1 - 8 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Individual study, in consultation with the graduate adviser, intended for qualified students to do necessary work to prepare themselves for language examinations, and the comprehensive examination.

### Rules & Requirements

**Prerequisites:** Graduate standing

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-8 hours of independent study per week

### Additional Details

**Subject/Course Level:** Demography/Graduate examination preparation

**Grading:** Offered for satisfactory/unsatisfactory grade only.

## DEMOG 602 Individual Study for Doctoral Students 1 - 8 Units

Terms offered: Fall 2025, Spring 2025, Fall 2024

Individual study in consultation with the major field adviser, intended to provide an opportunity for qualified students to prepare themselves for the various examinations required of candidates for the Ph.D.

### Rules & Requirements

**Prerequisites:** For qualified graduate students

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1-8 hours of independent study per week

### Additional Details

**Subject/Course Level:** Demography/Graduate examination preparation

**Grading:** Offered for satisfactory/unsatisfactory grade only.