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

Minimum Requirements for Admission

The following minimum requirements apply to all graduate programs and will be verified by the Graduate Division:

1. A bachelor's degree or recognized equivalent from an accredited institution;
2. A grade point average of B or better (3.0);
3. If the applicant has completed a basic degree from a country or political entity (e.g., Quebec) where English is not the official language, adequate proficiency in English to do graduate work, as evidenced by a TOEFL score of at least 90 on the iBT test, 570 on the paper-and-pencil test, or an IELTS Band score of at least 7 on a 9-point scale (note that individual programs may set higher levels for any of these); and
4. Sufficient undergraduate training to do graduate work in the given field.

Applicants Who Already Hold a Graduate Degree

The Graduate Council views academic degrees not as vocational training certificates, but as evidence of broad training in research methods, independent study, and articulation of learning. Therefore, applicants who already have academic graduate degrees should be able to pursue new subject matter at an advanced level without the need to enroll in a related or similar graduate program.

Programs may consider students for an additional academic master’s or professional master’s degree only if the additional degree is in a distinctly different field.

Applicants admitted to a doctoral program that requires a master’s degree to be earned at Berkeley as a prerequisite (even though the applicant already has a master’s degree from another institution in the same or a closely allied field of study) will be permitted to undertake the second master’s degree, despite the overlap in field.

The Graduate Division will admit students for a second doctoral degree only if they meet the following guidelines:

1. Applicants with doctoral degrees may be admitted for an additional doctoral degree only if that degree program is in a general area of knowledge distinctly different from the field in which they earned their original degree. For example, a physics PhD could be admitted to a doctoral degree program in music or history; however, a student with a doctoral degree in mathematics would not be permitted to add a PhD in statistics.
2. Applicants who hold the PhD degree may be admitted to a professional doctorate or professional master’s degree program if there is no duplication of training involved.

Applicants may apply only to one single degree program or one concurrent degree program per admission cycle.

Required Documents for Applications

1. Transcripts: Applicants may upload unofficial transcripts with your application for the departmental initial review. Unofficial transcripts must contain specific information including the name of the applicant, name of the school, all courses, grades, units, & degree conferral (if applicable).
2. Letters of recommendation: Applicants may request online letters of recommendation through the online application system. Hard copies of recommendation letters must be sent directly to the program, by the recommender, not the Graduate Admissions.
3. Evidence of English language proficiency: All applicants who have completed a basic degree from a country or political entity in which the official language is not English are required to submit official evidence of English language proficiency. This applies to institutions from Bangladesh, Burma, Nepal, India, Pakistan, Latin America, the Middle East, the People’s Republic of China, Taiwan, Japan, Korea, Southeast Asia, most European countries, and Quebec (Canada). However, applicants who, at the time of application, have already completed at least one year of full-time academic course work with grades of B or better at a US university may submit an official transcript from the US university to fulfill this requirement. The following courses will not fulfill this requirement:
   • courses in English as a Second Language,
   • courses conducted in a language other than English,
   • courses that will be completed after the application is submitted, and
   • courses of a non-academic nature.

Applicants who have previously applied to Berkeley must also submit new test scores that meet the current minimum requirement from one of the standardized tests. Official TOEFL score reports must be sent directly from Educational Test Services (ETS). The institution code for Berkeley is 4833 for Graduate Organizations. Official IELTS score reports must be sent electronically from the testing center to University of California, Berkeley, Graduate Division, Sproul Hall, Rm 318 MC 5900, Berkeley, CA 94720. TOEFL and IELTS score reports are only valid for two years prior to beginning the graduate program at UC Berkeley. Note: score reports can not expire before the month of June.
Where to Apply
Visit the Berkeley Graduate Division application page (http://grad.berkeley.edu/admissions/apply/).

Admission to the Program
The Department of Demography requires all applicants to take the general portion of the Graduate Record Examination. Applicants may apply for the Master's in Demography, PhD in Demography or the PhD in Sociology and Demography.

Graduate Record Examinations (GRE): is required for our Ph.D program. GRE scores are only 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, taking a foreign language exam, 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

<table>
<thead>
<tr>
<th>Courses Required</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEMOG 110</td>
<td>3</td>
</tr>
<tr>
<td>DEMOG/ECON C175</td>
<td>4</td>
</tr>
<tr>
<td>DEMOG 200</td>
<td>4</td>
</tr>
<tr>
<td>DEMOG 210</td>
<td>4</td>
</tr>
<tr>
<td>DEMOG 213</td>
<td>2</td>
</tr>
<tr>
<td>DEMOG 296</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>7</td>
</tr>
</tbody>
</table>

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://econ.berkeley.edu/), anthropology (http://anthropology.berkeley.edu), statistics (http://statistics.berkeley.edu), public policy (http://gspp.berkeley.edu), public health (http://sphp.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.

Language Examination
Each student is expected to demonstrate reasonable reading competence in at least one other than English language that is relevant to demographic studies. Students must pass a language exam before advancing to doctoral candidacy.

Dissertation Prospectus
The dissertation prospectus is developed in the context of a research seminar, Demography 295. Doctoral students are expected to enroll in 295 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://ophs.berkeley.edu/)

Time in Candidacy

Dissertation
Upon successful completion of the foreign language requirement, 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**

<table>
<thead>
<tr>
<th>Department/Subject</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEMOG</td>
<td>DEMOG 110 Introduction to Population Analysis</td>
<td>3</td>
</tr>
<tr>
<td>DEMOG/ECON</td>
<td>Economic Demography</td>
<td>4</td>
</tr>
<tr>
<td>C175</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEMOG 200</td>
<td>Fundamentals of Population Thought</td>
<td>4</td>
</tr>
<tr>
<td>or DEMOG C126</td>
<td>Sex, Death, and Data</td>
<td></td>
</tr>
<tr>
<td>DEMOG 210</td>
<td>Demographic Methods: Rates and Structures</td>
<td>4</td>
</tr>
<tr>
<td>DEMOG 213</td>
<td>Practical Computer Applications for Demographic</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Analysis</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>(graduate-level courses selected from any subject, with advisor approval)</td>
<td>7</td>
</tr>
</tbody>
</table>

**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**

Expand all course descriptions [+]Collapse all course descriptions [-]
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 of 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.

Immigration: What do the data tell us?: Read More [+]

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

Immigration: What do the data tell us?: Read Less [-]

DEMOG 98 Directed Group Study 1 - 4 Units

Terms offered: Fall 2017, Spring 2017, Fall 2016

Undergraduate research by small groups.

Directed Group Study: Read More [+]

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.

Directed Group Study: Read Less [-]

DEMOG 110 Introduction to Population Analysis 3 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

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

Introduction to Population Analysis: Read More [+]

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

Introduction to Population Analysis: Read Less [-]
DEMOG C126 Sex, Death, and Data 4 Units
Terms offered: Fall 2021, Fall 2020, Fall 199
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.
Sex, Death, and Data: Read More [+]

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

Sex, Death, and Data: Read Less [-]

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.
Demography of Deaths, Diseases, and Disasters: Read More [+]

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 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

The American Immigrant Experience: Read Less [-]

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.
The American Immigrant Experience: Read More [+]

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

The American Immigrant Experience: Read Less [-]

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.
Special Topics in Demography: Read More [+]

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.
Instructor: Mahmud

Special Topics in Demography: Read Less [-]

Demography of Deaths, Diseases, and Disasters: Read Less [-]
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.
Summer Special Topics in Demography: Read More [+]

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

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.
Population Apocalypse in Film and Science: Read More [+]

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 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.
Impact of Government Policies on Poor Children and Families: Read More [+]

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.
Family and Household in Comparative Perspective: Read More [+]

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.
Instructors: Mason, Goldstein

Also listed as: SOCIOL C164

Family and Household in Comparative Perspective: Read Less [-]
DEMOG C175 Economic Demography 4 Units
Terms offered: Spring 2023, Spring 2022, Spring 2021
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?
Economic Demography: Read More [+]

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
Economic Demography: Read Less [-]

DEMOG 180 Social Networks 4 Units
Terms offered: Fall 2022, Fall 2021, Fall 2020
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.
Social Networks: Read More [+]

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
Social Networks: Read Less [-]
DEMOG 198 Directed Group Study 1 - 4 Units
Terms offered: Fall 2022, Fall 2021, Fall 2020
Undergraduate research by small groups. Enrollment is restricted by regulations governing 198 courses.
Directed Group Study: Read More [+]
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.
Directed Group Study: Read Less [-]

DEMOG 199 Supervised Independent Study 1 - 4 Units
Terms offered: Fall 2019, Summer 2019, Fall 2018
Supervised independent study and research.
Supervised Independent Study: Read More [+]
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.
Supervised Independent Study: Read Less [-]

DEMOG 200 Fundamentals of Population Thought 4 Units
Terms offered: Spring 2023, Fall 2021, Fall 2018
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.
Fundamentals of Population Thought: Read More [+]
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
Fundamentals of Population Thought: Read Less [-]

DEMOG 210 Demographic Methods: Rates and Structures 4 Units
Terms offered: Fall 2022, Fall 2021, Fall 2019
Demographic Methods: Rates and Structures: Read More [+]
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
Demographic Methods: Rates and Structures: Read Less [-]
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.
Advanced Demographic Analysis: Read More [+]

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

Advanced Demographic Analysis: Read Less [-]

DEMOG 213 Practical Computer Applications for Demographic Analysis 2 Units
Terms offered: Fall 2021, Fall 2019, Fall 2018
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.
Practical Computer Applications for Demographic Analysis: Read More [+]

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

Practical Computer Applications for Demographic Analysis: Read Less [-]

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.
Current Research Topics in Demography: Read More [+]

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.

Current Research Topics in Demography: Read Less [-]

DEMOG 220 Human Fertility 4 Units
Terms offered: Spring 2018, Spring 2013, Fall 2011
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.
Human Fertility: Read More [+]

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

Human Fertility: Read Less [-]
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

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
Course considers demographic and economic aspects of population aging.
Aging: Economic and Demographic Aspects: Read More [+]

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
Aging: Economic and Demographic Aspects: Read Less [-]

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.
Human Migration: Read More [+]

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 2022, Spring 2022, Fall 2021
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.

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.

Economic Demography:
Aging: Economic and Demographic Aspects: Read Less [-]

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.
Economic Demography: Read More [+]

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
Economic Demography: Read Less [-]
**DEMOG C280 Social Networks 4 Units**
Terms offered: Fall 2022, Fall 2021, Fall 2020
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

Social Networks: Read More [+]

**DEMOG 298 Directed Reading 1 - 12 Units**
Terms offered: Spring 2023, Fall 2022, Spring 2022
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.

Directed Reading: Read Less [-]

**DEMOG 299 Directed Research 1 - 12 Units**
Terms offered: Spring 2023, Fall 2022, Summer 2022 8 Week Session
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.

Directed Research: Read Less [-]
DEMOG 301 GSI Training 1 - 6 Units
Terms offered: Fall 2022, Fall 2021, Fall 2020
Course credit for experience gained in academic teaching through employment as a graduate student instructor.
GSI Training: Read More [+]
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.
GSI Training: Read Less [-]

DEMOG 601 Individual Study 1 - 8 Units
Terms offered: Fall 2022, Fall 2021, Fall 2020
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.
Individual Study: Read More [+]
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.
Individual Study: Read Less [-]

DEMOG 602 Individual Study for Doctoral Students 1 - 8 Units
Terms offered: Spring 2023, Fall 2022, Spring 2022
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.
Individual Study for Doctoral Students: Read More [+]
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.
Individual Study for Doctoral Students: Read Less [-]