Demography Minor

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.

Although there is no undergraduate major in Demography, seniors may take graduate courses with consent of the instructor.

Declaring the Minor

For information on how to declare the minor, please contact the department.

Students who have a strong interest in an area of study outside their major often decide to complete a minor program. These programs have set requirements and are noted officially on the transcript in the memoranda section, but are not noted on diplomas.

General Guidelines

1. All courses taken to fulfill the minor requirements below must be taken for graded credit.
2. A minimum of three of the upper division courses taken to fulfill the minor requirements must be completed at UC Berkeley.
3. A minimum grade point average (GPA) of 2.0 is required for courses used to fulfill the minor requirements.
4. Courses used to fulfill the minor requirements may be applied toward the Seven-Course Breadth requirement, for Letters & Science students.
5. No more than one upper division course may be used to simultaneously fulfill requirements for a student's major and minor programs.
6. All minor requirements must be completed prior to the last day of finals during the semester in which you plan to graduate. If you cannot finish all courses required for the minor by that time, please see a College of Letters & Science adviser.
7. All minor requirements must be completed within the unit ceiling. (For further information regarding the unit ceiling, please see the College Requirements tab.)

Requirements

Upper Division

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>Introduction to Population Analysis</td>
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<td>DEMOG/SOCIOL 126</td>
<td>Sex, Death, and Data</td>
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<td>DEMOG/ECON C175</td>
<td>Economic Demography</td>
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Select one of the following:

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<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>ECON 140</td>
<td>Economic Statistics and Econometrics</td>
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<td>ECON 141</td>
<td>Econometric Analysis</td>
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<td>PSYCH 101</td>
<td>Research and Data Analysis in Psychology</td>
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<td>PB HLTH 140</td>
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<td>Introduction to Probability and Statistics in Biology and Public Health</td>
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<td>SOCIOL 106</td>
<td>Quantitative Sociological Methods</td>
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**Demography**

**DEMOG 5 Fundamentals of Population Science 3 Units**

Terms offered: Fall 2011

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.

Fundamentals of Population Science: Read More [+]

**Hours & Format**

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

**Additional Details**

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

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

**Instructor:** Johnson-Hanks

Fundamentals of Population Science: Read Less [-]
DEMOG 88 Immigration: What do the data tell us? 2 Units

Terms offered: 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 - 0.5 hours of lecture, 0.5 hours of discussion, and 1 hour of laboratory per week

Additional Details

Subject/Course Level: Demography/Undergraduate

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

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.

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 2017, Fall 2016, Fall 2015

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 hours of lecture 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 2017, Fall 2016, Fall 2015
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
Sex, Death, and Data: Read Less [-]

DEMOG 160 Special Topics in Demography 3 Units
Terms offered: Fall 2017, Fall 2009, Spring 2007
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.

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: HIST 160
Special Topics in Demography: Read Less [-]

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

Population Apocalypse in Film and Science: Read Less [-]
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
Impact of Government Policies on Poor Children and Families: Read Less [-]

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.
Instructor: Lee
Also listed as: ECON C175
Economic Demography: Read Less [-]

DEMOG C175 Economic Demography 4 Units
Terms offered: Spring 2017, Spring 2016, Summer 2015 First 6 Week Session
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
Also listed as: PUB POL C164
Family and Household in Comparative Perspective: Read Less [-]

Directed Group Study: Read More [+]

Rules & Requirements
Prerequisites: 60 units; good academic standing
Repeat rules: Course may be repeated for credit.

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 2017, Spring 2017, Fall 2016
Supervised independent study and research.
Supervised Independent Study: Read More [+]

Rules & Requirements

Prerequisites: Consent of instructor

Repeat rules: Course may be repeated for credit.

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 [-]