DEMOGRAPHY (GRADUATE MINOR FIELD)

Graduate School

Program Website (https://publicpolicy.cornell.edu/cpc/training/graduate/demography-minor/)

Program Description

The field of demography is multidisciplinary in focus and practice, drawing on a wide range of social science perspectives. Graduate training at the Cornell Population Center (CPC) is similarly multidisciplinary and provides students with opportunities to develop fundamental demographic insights and methodological tools, as well as to engage with arguments from a range of perspectives.

Why Minor in Demography?

- New insights: Population dynamics are fundamental to social, economic, political, and environmental change, and an understanding of demographic processes is critical to answering some of our most pressing questions.
- Cutting-edge research: Demographers rely on a broad set of tools for analyzing demographic data, and weekly seminars provide exposure to new developments in data and methods from prominent scholars across the U.S. and abroad.
- Broader community: CPC offers many opportunities to connect students with researchers (students and faculty) in other disciplines using high-quality empirical techniques to answer population-related research questions.
- Additional funding: CPC regularly provides funding for student travel to professional population conferences (e.g., PAA) and offers seed funding to CPC students in need of research support. CPC research is also supported by major grants, and faculty are often looking for GRAs with demographic skills during the academic year and summer months.

Graduate Minor Field Requirements

Please note that, apart from meeting the course requirements, graduate minors must also have at least one Demography field member on their special committee.

The campus-wide graduate minor in Demography is available to Ph.D. students in all social science fields. To fulfill the requirements for the minor, students must successfully complete the following courses:

- GDEV 6070 Social Demography/PUBPOL 6050 Social Demography (3 credits)
  - Provides a conceptual overview for studying population issues and introduces major subfields of study within demography.
- GDEV 6080 Demographic Techniques/PUBPOL 6060 Demographic Techniques (3 credits)
  - Develops basic methodological tools in demography, including rate construction, single- and multiple-decrement life tables, and survival analysis.
- PUBPOL 6810 Demography Training Series Proseminar (1 credit per section, 3 credits total needed)
  - Participation in the CPC seminar series and monthly training workshops. Consistent enrollment is encouraged; at least 3 training credits (i.e., 3 semesters) are required.
- One elective course from the following list of courses:[1]

Code	Title	Hours
AEM 7620	Microeconomics of International Development	
CRP 5080	Introduction to GIS for Planners	
CRP 5250	Methods for Spatial Economic and Demographic Analysis	
CRP 5680	Introduction to Urban Data Science: Theory, Applications, and Practice	
GDEV 5045	Data, AI, and Development	
GDEV 5295	Data Science Workshop with R	
GDEV 6770	Seminar on Issues in African Development	
HD 6610	Text and Networks in Social Science Research	
INFO 6751	Causal Inference in Observational Settings	
INFO 5371	Studying Social Inequality Using Data Science	
PUBPOL 5250	Neighborhoods, Housing, and Urban Policy	
PUBPOL 5280	Population Health for Health Managers	
PUBPOL 5281	The Economics and Regulation of Risky Health Behaviors	
PUBPOL 5290	The Economics and Regulation of Risky Health Behaviors	
PUBPOL 5380	Markets, Policy and Sustainability	
PUBPOL 5670	Health Policy	
PUBPOL 5750	Causal Analysis and Impact Evaluation in Public Policy	
PUBPOL 5970	Economics and Environmental Policy	
PUBPOL 6040	Qualitative, Survey, and Mixed Method Approaches to Policy Research	
PUBPOL 6090	Empirical Strategies for Policy Analysis	
PUBPOL 6091	Empirical Strategies for Policy Research II	
PUBPOL 6280	Family Demography	
PUBPOL 6410		
PUBPOL 6420	Health Economics	
PUBPOL 6950	Spatial Demography	
SOC 5180	Social Inequality: Contemporary Theories, Debates, and Models	
SOC 6110	Social Network: Theory and Applications	
SOC 6340	Sociology of Education	
SOC 6440	Urban Structure and Process	

[1] Substantive courses that incorporate training in demographic techniques or population processes. Students may petition for an elective course to be added to the list of approved elective courses.

Faculty

Rosemary Jane Avery (http://publicpolicy.cornell.edu/people/rosemary-avery/)

- **Campus:** Ithaca - (Minor Member)
- **Concentrations:** *Demography:* demography
- **Research Interests:** demography

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- **Research Interests:** general demography, statistical & demographic methods, population health, research methodology, computational methods, law & society, criminology, inequality/social stratification

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