

SOCIOLOGY, BA: APPLIED RESEARCH AND DATA ANALYSIS

Sociology - Applied Research and Data Analysis Concentration

Sociologists pursue knowledge in many ways, one of which is through the examination of society through surveys, demographic data, and statistical models. In the Applied Research and Data Analysis concentration, students will become familiar with quantitative and/or qualitative methods in sociology, both with respect to how to use them in general and how they are applied for specific topics. Additionally, students will develop the skills to analyze the data from these methods, whether through primary research or secondary data.

The Sociology Major

The Sociology major helps students identify and explain patterns of social life and human behavior by emphasizing how large-scale social phenomena (such as class, race, and gender inequality) affect the everyday experiences of individuals and vice versa. The major prepares students for a career in a variety of fields such as law, medicine and healthcare, marketing, education, scholarly and applied social research, social work, demography, journalism and media, management in the public and private sectors, administration, and government. The program offers comprehensive advising and significant research and independent study opportunities. Our program is dedicated to nurturing a strong community of scholars, helping them grow academically and professionally under the large-scale mission of the College of Arts & Sciences.

The minimum total course units (<https://www.college.upenn.edu/credits-needed-major/>) for graduation in this major is 34. Double majors may entail more course units.

For more information: <https://sociology.sas.upenn.edu/undergraduate/sociology-major-concentrations/applied-research-and-data-analysis-concentration> (<https://sociology.sas.upenn.edu/undergraduate/sociology-major-concentrations/applied-research-and-data-analysis-concentration/>)

Code	Title	Course Units
College General Education Requirements and Free Electives		
Foundational Approaches + Sectors ¹ + Free Electives		20
Major Requirements		
<i>Introductory Course</i>		
SOCI 1000	Introduction to Sociology	1
<i>Sociological Theory</i>		
SOCI 3000	Classical Sociological Theory	1
or SOCI 3010	Contemporary Sociological Theory	
<i>Social Research Methods</i>		
SOCI 2000	Sociological Research Methods	1
Select 1 course unit in Advanced Research Methods		1
SOCI 2220	Health of Populations	
SOCI 3200	Qualitative Methods	
SOCI 3210	Sample Survey Methods	
SOCI 3220	Basic Demographic Methods	
SOCI 3230	Demography of Race	

Or any course with Attribute: ASAM (http://catalog.upenn.edu/attributes/asam/)		
Select 1 course unit in Statistics		1
SOCI 2010	Social Statistics	
<i>Applied Research and Data Analysis Concentration</i>		
Select 3 Course Units in Concentration ²		3
SOCI 2220	Health of Populations	
SOCI 3220	Basic Demographic Methods	
SOCI 3210	Sample Survey Methods	
SOCI 3200	Qualitative Methods	
SOCI 5350	Quantitative Methods I	
SOCI 5351	Quantitative Methods II	
SOCI 6090	Basic Demographic Methods	
SOCI 6110	Structural Equation Models	
SOCI 6120	Categorical Data Analysis	
SOCI 6130	Event History	
SOCI 7310	Advanced Demographic Methods	
Or any course with Attribute: ASRM (http://catalog.upenn.edu/attributes/asrm/)		
<i>Additional SOCI Courses</i>		
Select 4 course units in SOCI Free ³		4
<i>SOCI or Related Courses</i>		
Select 2 course units in SOCI or Related ⁴		2
<i>Research Poster</i>		
Complete Research Poster		
Total Course Units		34

¹ You may count no more than one course toward both a Major and a Sector requirement. For Exceptions, check the Policy Statement (<http://www.college.upenn.edu/sectors-policy/>).

² Related courses outside of this list are subject to the approval of the Associate Director of Undergraduate Studies and Undergraduate Chair

³ Students are encouraged to take some courses outside of their concentration.

⁴ For the "SOCI or RELATED" requirement in the major, students in the Applied Research and Data Analysis Concentration can count any SOCI course, or courses outside of SOCI that either 1) devote a substantial portion of their subject matter to sociologically related issues, and/or 2) are directly related to qualitative or quantitative research methodology or data analysis

Honors

Applicants must have an overall GPA of 3.3 and a GPA of 3.5 in the major.

Code	Title	Course Units
SOCI 4100	Thesis Workshop I	.5
SOCI 4101	Thesis Workshop II	.5
SOCI 4998	Honors Independent Study (Or Approved Course)	1
Senior Thesis		

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2025 and later. Students should

consult with their academic program regarding final certifications and requirements for graduation.
