

Social Analysis and Research

The Sc.B. concentration in Social Analysis and Research provides both a conceptual and a working knowledge of the techniques for data collection and analysis used for social research in academic and non-academic environments. The centerpiece of the concentration is a rigorous and comprehensive collection of courses: (1) that develop an understanding of the principles underlying the processes of data collection and analysis; and (2) that train students in the application of advanced statistical techniques for data description and analysis. The concepts and skills learned in these courses are reinforced through engagement in applied research with Sociology faculty and/or internships with local organizations in the for profit and not-for-profit sectors.

Concentrators also take courses that provide grounding in the theoretical approaches to social phenomena that are foundational to social research. Graduates develop an understanding of the concepts and processes that underlie the issues studied by sociologists and the analytic techniques that allow sociologists to understand social relations and individual behavior.

Standard program for the Sc.B. degree

Required core:

MATH 0090	Single Variable Calculus, Part I	1
SOC 1100	Introductory Statistics for Social Research	1
or APMA 0650	Introduction to Probability and Statistics	
or ECON 1620	Introduction to Econometrics	
SOC 1020	Methods of Social Research	1
SOC 2010	Multivariate Statistical Methods I	1
SOC 1010	Classical Sociological Theory	1
SOC 1950	Senior Seminar	1

Three (3) substantive or theory courses (non-methodological courses) in Sociology, two (2) of which must be at the 1000-level or above. 3

Three (3) of the following advanced analysis courses: 3

SOC 1117	Focus Groups for Market and Social Research	
SOC 1118	Context Research for Innovation	
SOC 1120	Market and Social Surveys	
SOC 1260	Market Research in Public and Private Sectors	
SOC 1340	Principles and Methods of Geographic Information Systems	
SOC 1872N	Ethnography in Organizations	
SOC 2020	Multivariate Statistical Methods II	
SOC 2070	Text as Data for Social Science Research	
SOC 2210	Qualitative Methods	
SOC 2230	Techniques of Demographic Analysis	
SOC 2240	Event History Analysis	
SOC 2250	Ethnography: Theory and Practice	
SOC 2260T	Cultural Theory and Methods	
SOC 2610	Spatial Thinking in Social Science	
SOC 2612	Geographic Information Systems and Spatial Analysis for the Social Sciences	
SOC 2960G	Spatial Data Analysis Techniques in the Social Sciences	
SOC 2960Y	Causal Analysis	
SOC 2961A	Advanced Spatial Data Analysis Techniques in the Social Sciences	

Research experience (1 course) 0-1

A one-semester research internship (not for credit or for credit as SOC 1970 - Independent Study), or a summer research internship (not for credit).

Total Credits

12-13

A one semester or a summer research internship is required. The research internship is designed to provide students with hands-on experience in social research. Students will typically complete the research internship in their junior year or during the summer between their junior and senior years. Students need to submit an *Internship Proposal Form* to the Undergraduate Concentration Advisor for approval prior to starting the internship. Upon completion of the internship, students are required to submit to the Undergraduate Concentration Advisor a brief summary report of their experience, which must be signed by the supervisor of the student's internship.

Academic research internships involve work on a faculty member's research project. Activities may range from data collection, data entry, data file management, descriptive analyses, and more advanced model estimation. Students are encouraged to approach faculty about opportunities for working on their research projects. Academic and off-campus research internships will typically entail 5-10 hours of work per week and may or may not involve compensation.

Students may receive academic credit for academic research internships and off-campus internships completed during the academic year if they combine the internship experience with an academic component under the direction of a faculty advisor. Students taking an internship for credit should register for an *Individual Research Project* (SOC 1970).

***See the Sociology website <http://www.brown.edu/academics/sociology/> for details regarding Honors and Independent Studies

Course substitutions: Students may petition the Director of Undergraduate Studies to use one advanced analysis course taken in another department to count toward the three required advanced analysis courses.

Organizational Studies Track requirements

Required core:

MATH 0090	Single Variable Calculus, Part I	1
SOC 1010	Classical Sociological Theory	1
SOC 1020	Methods of Social Research	1
SOC 1100	Introductory Statistics for Social Research	1
or APMA 0650	Introduction to Probability and Statistics	
or ECON 1620	Introduction to Econometrics	
SOC 1950	Senior Seminar	1
SOC 2010	Multivariate Statistical Methods I	1
Any combination of two (2) courses from below:		2

SOC 0300	Organizations and Society	
SOC 1311	Micro-Organizational Theory: Social Behavior in Organizations	
SOC 1315	Macro-Organizational Theory: Organizations in Social Context	

One (1) Advanced Organizational Studies Elective: 1

SOC 1070	Introduction to Economic Sociology	
SOC 1117	Focus Groups for Market and Social Research	
SOC 1118	Context Research for Innovation	
SOC 1120	Market and Social Surveys	
SOC 1260	Market Research in Public and Private Sectors	
SOC 1311	Micro-Organizational Theory: Social Behavior in Organizations	
SOC 1315	Macro-Organizational Theory: Organizations in Social Context	
SOC 1871C	Sociology of the Legal Profession	

Three (3) of the following Advanced Analysis Courses: 3

SOC 1117	Focus Groups for Market and Social Research
SOC 1118	Context Research for Innovation
SOC 1120	Market and Social Surveys
SOC 1260	Market Research in Public and Private Sectors
SOC 1340	Principles and Methods of Geographic Information Systems
SOC 1872N	Ethnography in Organizations
SOC 2020	Multivariate Statistical Methods II
SOC 2070	Text as Data for Social Science Research
SOC 2210	Qualitative Methods
SOC 2230	Techniques of Demographic Analysis
SOC 2240	Event History Analysis
SOC 2250	Ethnography: Theory and Practice
SOC 2260T	Cultural Theory and Methods
SOC 2610	Spatial Thinking in Social Science
SOC 2612	Geographic Information Systems and Spatial Analysis for the Social Sciences
SOC 2960G	Spatial Data Analysis Techniques in the Social Sciences
SOC 2960Y	Causal Analysis
SOC 2961A	Advanced Spatial Data Analysis Techniques in the Social Sciences
Research experience (1 course)	
A one-semester research internship (not for credit or for credit as SOC 1970 - Independent Study), or a summer research internship (not for credit).	
Total Credits	
12-13	

Research Internship

A one semester or a summer research internship is required. The research internship is designed to provide students with hands-on experience in social research. Students will typically complete the research internship in their junior year or during the summer between their junior and senior years. Students need to submit an *Internship Proposal Form* to the Undergraduate Concentration Advisor for approval prior to starting the internship. Upon completion of the internship, students are required to submit to the Undergraduate Concentration Advisor a brief summary report of their experience, which must be signed by the supervisor of the student's internship.

Academic research internships involve work on a faculty member's research project. Activities may range from data collection, data entry, data file management, descriptive analyses, and more advanced model estimation. Students are encouraged to approach faculty about opportunities for working on their research projects. Academic and off-campus research internships will typically entail 5-10 hours of work per week and may or may not involve compensation.

Students may receive academic credit for academic research internships and off-campus internships completed during the academic year if they combine the internship experience with an academic component under the direction of a faculty advisor. Students taking an internship for credit should register for an *Individual Research Project* (SOC 1970).

***See the Sociology website <http://www.brown.edu/academics/sociology/> for details regarding Honors and Independent Studies

Course substitutions: Students may petition the Director of Undergraduate Studies to count a course not on the list above toward the advanced analysis requirement or the advanced organizational studies requirement.