SOCIETY:
CONCENTRATION IN
ANALYSIS AND RESEARCH

REQUIREMENTS

SOCILOGY MAJOR, CONCENTRATION IN
RESEARCH & ANALYSIS (CAR)

WHAT IS "CAR"?
The Concentration in Analysis and Research—an elective option within
the undergraduate sociology major—is designed for students who
do well and are interested in research methods and statistics. CAR
prepares students for entry-level jobs in applied social research and/or
for graduate study. Key features of the concentration include advanced
statistics courses, training in social science computing, and research.
By selecting appropriate electives and internships, students may
focus their training on demography, survey research, marketing and
communications, criminal justice, health care, education, social services,
natural resources, organizations, or personnel and human resources.

Requirements for the CAR Option
Concentration in Analysis and Research (CAR)—Option noted on
transcript.

Faculty director: Professor James Raymo, 2446 Social Science;
608-262-2783; jraymo@ssc.wisc.edu

To be admitted to the CAR program, students must have a minimum GPA
of 3.000 (B) in Methods and Statistics. To complete the CAR program,
students must complete the following 36 credits of SOC courses, meet
the requirements and earn a minimum GPA of 3.000 in those courses
unique to the CAR option.

All students are required to take four foundation core courses
(Introduction, Research, Statistics, and Theory) and additional CAR
Distribution courses in Statistics, Research, Computing, and Practicum
that build on prior sociological and social scientific knowledge from the
foundation core courses.

Students are strongly encouraged to complete the four required
foundation core courses as early as possible. These foundation courses
are prerequisites for most upper-level courses and the option has several
sequenced courses, some of which are taught only once a year.

REQUIREMENTS
36 credits

FOUNDATION (CORE)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC/ C&amp;E SOC 210</td>
<td>Survey of Sociology</td>
<td>3-4</td>
</tr>
<tr>
<td>SOC/ C&amp;E SOC 211</td>
<td>The Sociological Enterprise</td>
<td></td>
</tr>
</tbody>
</table>

Research Electives (2 courses)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 375</td>
<td>Introduction to Mathematical Sociology</td>
<td></td>
</tr>
<tr>
<td>SOC 376</td>
<td>Mathematical Models of Social Systems</td>
<td></td>
</tr>
<tr>
<td>SOC 535</td>
<td>Talk and Social Interaction</td>
<td></td>
</tr>
<tr>
<td>SOC 575</td>
<td>Sociological Perspectives on the Life Course and Aging</td>
<td></td>
</tr>
<tr>
<td>SOC/AMER IND/ C&amp;E SOC 578</td>
<td>Poverty and Place</td>
<td></td>
</tr>
<tr>
<td>SOC 633</td>
<td>Social Stratification</td>
<td></td>
</tr>
</tbody>
</table>

1 Students may take methods and statistics in the same semester.
   If students take methods and statistics in different semesters, we
   recommend taking methods before statistics as an entry point to the
   methods and materials of the field.

2 Statistics courses taken outside of the SOC subject do not count for
   30-credits required in the major, nor are they upper level in the major.
SOC 674 Demographic Techniques I
SOC/ C&E SOC 676 Applied Demography: Planning and Policy
COMP SCI/ INFO SYS 371 Technology of Computer-Based Business Systems
MATH 415 Applied Dynamical Systems, Chaos and Modeling
MATH/I SY E/ OTM/STAT 632 Introduction to Stochastic Processes
POLI SCI 305 Elections and Voting Behavior
POLI SCI 515 Public Opinion
PSYCH 225 Research Methods
STAT 349 Introduction to Time Series
STAT 351 Introductory Nonparametric Statistics
STAT 411 An Introduction to Sample Survey Theory and Methods
STAT 421 Applied Categorical Data Analysis
STAT/B M I 642 Statistical Methods for Epidemiology
INFO SYS/ COMP SCI 371 Technology of Computer-Based Business Systems
MARKETING 310 Marketing Research
OTM 410 Operations Research I
OTM 411 Operations Research II
SOC/C&E SOC 693 Practicum in Analysis and Research

Total Credits 18-19

RESIDENCE AND QUALITY OF WORK

- 2.000 GPA in all SOC courses and courses that count toward the major
- 2.000 GPA on 15 upper-level major credits, taken in residence
- 15 credits in SOC, taken on the UW–Madison campus

A maximum one introductory course (SOC 181, SOC/C&E SOC 210, SOC/C&E SOC 211) may count toward the 30 required for the major.
SOC courses numbered 300–699 are upper level, except for: C&E SOC/SOC 357, C&E SOC/SOC 360, LEGAL ST/SOC 415, PSYCH/SOC 453, and SOC 497.

THESIS OF DISTINCTION

This distinction is available to students who write a thesis but who do not earn Honors in the Major. A thesis of distinction requires a senior thesis of high caliber, but no specific cumulative grade point average is required.

Students may declare the Concentration in Analysis and Research ("CAR"). Speak to the major advisor about this option.