

# SOCIAL SCIENCE DATA ANALYSIS & VISUALIZATION, MINOR

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## College of Letters & Science

The Social Science Data Analysis & Visualization minor introduces students to the fundamentals and current innovations of research and data analysis across social science disciplines. It equips students with the skills to analyze, interpret, and visualize various data types using different research methods and prepares them to engage with contemporary research and contribute to data-driven scholarship.

For more information, contact [poladvising@ucdavis.edu](mailto:poladvising@ucdavis.edu).

Code	Title	Units
<i>Lower Division Requirements</i>		
Choose one:		4-5
POL 012Y	Data Visualization in the Social Sciences	
POL 051	Scientific Study of Politics	
SOC 056	Introduction to Social Statistics	
or SOC 056Y	Introduction to Social Statistics	
Lower Division Requirements Subtotal		4-5
<i>Upper Division Requirements</i>		
Choose five:		20-23
ANT 109	Visualization in Science: A Critical Introduction	
CMN 102	Empirical Methods in Communication	
or CMN 102V	Empirical Methods in Communication	
CMN 110	Communication Networks	
CMN 150V	Computational Social Science	
CMN 151	Simulating Communication Processes	
CMN 152V	Social Science with Online Data	
ECN 102	Analysis of Economic Data	
ECN 140	Econometrics	
EDU 114	Quantitative Methods in Educational Research	
LIN 127	Text Processing & Corpus Linguistics	
POL 114	Quantitative Analysis of Political Data	
PSC 103A	Statistical Analysis of Psychological Data	
PSC 103B	Statistical Analysis of Psychological Data	
PSC 104	Applied Psychometrics: An Introduction to Measurement Theory	
PSC 107	Questionnaire & Survey Research Methods	
PSC 120	Agent-Based Modeling	
SOC 103	Evaluation Research Methods	
SOC 106	Intermediate Social Statistics	
SOC 195	Special Topics in Sociological Analysis <sup>1</sup>	
Upper Division Requirements Subtotal		20-23
<b>Total Units</b>		<b>24-28</b>

<sup>1</sup>

When topic is appropriate.