

MINOR IN DATA ANALYTICS IN SOCIAL SCIENCE

Code	Title	Hours
Choose one:		3
SOC 3290	Social Statistics	
PSY 2100	Statistical Methods	
GEPL 4420	Quantitative Methods in Geographic Research	
Choose one:		3
		or
		4
SOC 3270	Social Research Methods	
PSC 3150	Research and Writing in Political Science	
PSY 3110	Research Methods In Psychology	
DANN 2000	Proseminar in Data Analytics I	1
PHIL 3160	Data Science Ethics	3
GEPL 4110	Geographic Information Systems	3
or GEPL 4180	Geographic Information Systems Applications	
ECON 2810	Introduction to Econometrics	3
DANN 4000	Proseminar in Data Analytics II	2
Total Hours		18-19

1. Students will learn and apply skills in multivariate statistical analysis to social science data.
2. Students will construct databases, learn to manipulate them and to use the data to ask questions of interest.
3. Students will describe and evaluate various social and ethical issues related to the use of data analytics.
4. Students will summarize and assess the importance of social context in analyzing social data.
5. Students will recognize the strengths and limitations of quantitative analysis of social phenomenon.
6. Students will effectively communicate the importance of their data analysis through written work and/or oral presentations.