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**

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