

# APPLIED SOCIAL SCIENCE ANALYTICS, DEPARTMENTAL CERTIFICATE

## Program Requirements

Code	Title	Hours
<b>Certificate Requirements</b>		
<i>Core Sequence</i>		
Social Science Research Methods:		
Choose from one of the following:		3
POL 280	Research and Writing in Political Science	
SWK 340	Social Work Research Methods	
CRJ 388	Research Methods	
ECO 320	Research Methods in Economics	
ECO 420	Research Methods II	
PSY 240	Scientific Literacy in Psychology	
SOC 395	Research Methods in Sociology	
Data Science Fundamentals and Statistical Analysis:		
Choose from two of the following:		6
PSY 340	Research Literacy in Psychology	
PSY 440	Applied Scientific Literacy in Psychology	
SOC 232	Social Statistics	
STA 340	Applied Regression Analysis	
GEO 351	Geoscience Data and Techniques	
GEO 353	Geographic Information Systems	
GEO 453	Advanced GIS	
STA 375	Sampling Methods	
CRJ 400	Criminal Justice Statistics	
PSY 419	Research Development Skills II	
STA 580	R and Introductory Data Mining	
STA 585	Experimental Design	
ANT 371	Primate Ecology & Sociality	
ANT 460	Bio Anthropology Field Methods	
Applied Research Experience:		
Choose from one of the following:		3
SOC 470	Capstone Seminar in Sociology	
POL 400	Capstone Course in Political Science	
ANT 471	Archaeological Materials Analysis	
ANT 394	Anthropology & Wicked Problems	
PSY 400	Senior Seminar:____	
<b>Total Hours</b>		<b>12</b>