



QUANTITATIVE RESEARCH ANALYTICS IN THE SOCIAL SCIENCES | CERTIFICATE

24 Credits required from the six component areas below

Probability and Introductory Statistics <i>choose one</i>	<p>ANTH 5230 Introduction to Statistical Thinking in Anthropology</p> <p>ECON 3640 Probability and Statistical Inference for Economists</p> <p>FCS 3210 Statistics in Family and Consumer Studies</p> <p>GEOG 3020 Geographical Analysis</p> <p>POLS 5001 Quantitative Analysis in Political Science</p> <p>PSY 3000 Statistical Methods in Psychology</p> <p>SOC 3112 Social Statistics</p> <p>SOC 6120 Statistics I</p>		Implementing Statistical Analyses <i>choose one</i>	<p>ECON 4650 Principles of Econometrics</p> <p>FCS 5120 Demographic Methods</p> <p>GEOG 1180 Introduction to Geo-Programming</p> <p>GEOG 5180 Geoprocessing with Python</p> <p>GEOG 5680 Introduction to R Programming</p> <p>STAT 5003 Survey of Statistical Computer Packages</p>	
Research Methodology <i>choose two from different areas</i>	<p>Experimental Designs</p> <p>PSY 3010 Research Methods in Psychology</p> <p>FCS 3200 Research Methods in Family and Consumer Studies</p> <p>POLS 3001 Political Analysis</p> <p>SOC 3111 Research Methods</p> <p>SOC 3673 Social Epidemiology</p>	<p>Demographic & Survey Methods</p> <p>GEOG 3100 Introduction to GIS</p> <p>GEOG 3170/5170 Satellites, Lasers and Compasses: Field Methods for Geographic Data</p> <p>GEOG 5150 Spatial Data Design</p> <p>GEOG 5190 GIS for Environmental and Public Health</p>	<p>Geospatial Analyses</p> <p>FCS 5700 Analyzing Community Growth: An Evidence-based Approach</p> <p>FCS 5120 Demographic Methods</p>	<p>Field Work, & Observation</p> <p>ANTH 4169 Ethnographic Methods</p>	
Additional Expertise <i>choose two</i>	<p>ANTH 5485 Graphical Data Analysis</p> <p>ANTH 5850 Quantitative Analysis of Archaeological Data</p> <p>ANTH 4962/5962 Spatial Analysis in Anthropology</p> <p>ANTH 4250 Spatial Analysis</p> <p>ANTH 5221 Human Evolutionary Genetics</p>	<p>ANTH 4351 Anthropological Demography</p> <p>COMP 5360 Introduction to Data Science</p> <p>ECON 4650 Principles of Econometrics</p> <p>ECON 4660 & 4670 Statistical Analysis for Economics</p>	<p>GEOG 5020 Advanced Spatial Analysis</p> <p>GEOG 3100 Introduction to GIS</p> <p>GEOG 5140 Methods in GIS</p> <p>GEOG 5160 Spatial Modeling with GIS</p> <p>GEOG 5150 Web GIS</p>	<p>POLS 3002 Quantitative Approaches to International Relations</p> <p>PSY 5500 Quantitative Methods</p> <p>PSY 5510 Quantitative Methods II</p> <p>SOC 3650 Population and Society</p>	
Communication <i>choose one</i>	<p>PSY 3010 Research Methods in Psychology</p> <p>WRTG 3012 Writing in the Social Sciences</p> <p>WRTG 3014 Writing in the Sciences</p> <p>WRTG 3015 Professional/ Technical Writing</p>	Capstone Experience <i>one course</i>	<p>See certificate advisor for recommendations</p>		

For more information or to declare, contact:

PROGRAM DIRECTOR

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CERTIFICATE ADVISOR

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THE UNIVERSITY OF UTAH
College of Social and Behavioral Science

Certificate Policies | 9 credits must be completed outside of the primary major. All courses must be completed with a C- or higher and a GPA of 2.8. **You must still meet the grade requirement for your primary major for a course to apply in the major.**