Program Level Learning Outcome Assessment
Geography BA
PLO4: Use a combination of quantitative and qualitative geographic methods and tools such as spatial analysis, mapping and remote sensing assisted by geospatial technologies as well as theoretical insight into connections between regions and multiple factors that produce place.

Learning Outcome	Does Not Meet Expectations	Approaches	Reinforces	Masters
1. Use quantitative methods	Does not know how to apply a quantitative tool.	Can identify quantitative methods and recognize to which problems they apply.	Can apply appropriate quantitative methods to data sets supplied in class.	Selects and applies quantitative geographic methods to investigate and analyze a geographic data set.
2. Use qualitative geographic methods	Does not know how to apply qualitative geographic methods.	Able to describe qualitative geographic methods and how to apply to a human/environment issue.	Can apply qualitative geographic methods to analyze a spatial phenomenon.	Apply qualitative geographic methods to gain deep insight into a spatial phenomenon and/or ask a new research question.
3. Use geospatial technologies	Unable to use geospatial technologies.	Describe different types of geospatial technologies.	Uses geospatial technology to analyze a data set.	Apply geospatial analysis to datasets as part of independent research.
4. Use theoretical insights to connect regions and factors that produce place.	Does not know how to contextualize data in a geographic framework.	Describes basic theories of place.	Apply theoretical insights to geospatial data.	Connect theoretical factors that produce place to quantitative analysis of geospatial data.