



Student Learning Outcomes

College: Liberal Arts & Sciences

Department: Geography & Earth Sciences

Degree Program: Master of Science in Earth Sciences

- 1) Demonstrates an understanding of the Earth as a physical system, and the interrelationships among lithospheric, hydrologic and atmospheric processes relevant to the research topic and the Earth Sciences in general.
- 2) Demonstrates an understanding of professional and academic options within the context of the earth sciences.
- 3) Demonstrates a mastery of one or more of the analytical techniques and research methods appropriate to the Earth Sciences.
- 4) Demonstrates the ability to differentiate between original research and data collection and synthesis of pre-existing information, and implements the understanding in his or her research products.
- 5) Demonstrate the ability to effectively communicate research findings through written and verbal presentations of their research project findings.
- 6) Is prepared for employment as a professional earth scientist.