

Program M.S. in Geoscience  
 Assessment Coordinator for the program David Kreamer  
 Department(s) or Interdisciplinary Council Responsible for the Program Geoscience  
 Five-Year Implementation Dates (2012-2017) \_\_\_\_\_

**1. Student Learning Outcomes for the program.** List the Student Learning Outcomes for the program.

1. Demonstrate an understanding and appreciation for scientific inquiry / scientific method
2. Demonstrate the ability to define and frame a research problem, including hypothesis
3. Demonstrate the ability to search existing scientific literature for work relevant to a specific problem
4. Demonstrate the ability to execute problem-specific skills at an advanced level
5. Demonstrate the ability to design and carry a substantial independent research project through to completion
6. Demonstrate the ability to successfully present the results of a scientific inquiry in both oral and written formats.

**2. Curriculum Alignment of Student Learning Outcomes.** Where is the information introduced, enriched, and/or reinforced in the courses required in the program?

Student Learning Outcomes ↓	Required Courses		and other requirements →		
	GEY 701	GEY 795	Thesis proposal / prospectus	Thesis defense	
1	I	E	R	R	
2	I	E	R	R	
3	I		E	R	
4	I	E	E	R	
5	I	E	R	R	
6	I	E	E	R	

I = Introduced E = Enriched R = Reinforced