

MS Geology

Student Learning Outcomes

1. Demonstrate scientific writing of acceptable quality.
2. Formulate scientifically sound and logistically reasonable plans for solving geologic problems.
3. Demonstrate ability to present results of scientific research in oral format.
4. Develop ability to apply modern laboratory and field investigation techniques to solve sophisticated geological problems.
5. Develop skills and knowledge to make use of scientific data and resources to support investigations.

SLO to course Map

	1	2	3	4	5
GEOL 213, 234	Y			Y	
GEOL 285	Y		Y		
Thesis prep		Y		Y	Y
Thesis writing	Y				
Thesis presentation			Y		

Y = Objective is assessed in this course or thesis component.

Neither 213 nor 234 is required, but all students take one or both; they are approved GVAR courses.

285 (seminar) is the only required course in the MS program.

Much of our program assessment is done in the context of the student's work on the thesis, rather than in formal courses.