

Matrix of Student Learning Objectives (SLO) for MGeo Degree in the Department of Geology & Geophysics, *approved May 2013*

MGeo Degree - "X's" mark the key measurement point(s) for that SLO	Courses	Project proposal	Oral Presentation	Written Presentation	Publications/Conferences
1. Technical knowledge					
geoscience fundamentals: theory, laboratory methods, field methods, computer applications, and supporting disciplines	X		X	X	X
2. Scientific method (effective and ethical practice)					
a) identify a problem and define project goals	X	X			
b) define a strategy for meeting the goals		X			
c) execute strategy in timely and ethical manner			X	X	
d) analyze and synthesize results			X	X	X
e) derive conclusions			X	X	X
3. Communicate knowledge and experience gained					
communicate general geoscience knowledge		X	X	X	X
communicate the findings of work project			X	X	X
4. Employability/Contributions Post-Graduation					
professional knowledge and skills needed to pursue professional activities in geosciences			X	X	X