

Primary learning Outcome	Related Outcome	Curriculum review	Alumni survey	Biennial on-campus alumni reviews (geology program)	Senior survey and self-assessment	Senior exit interviews	Field camp (geology program)/Senior thesis (meteorology program)	Weather forecasting contests (meteorology program)	Placement data	Results	Changes
Possess familiarity with the broad scope of the field of the discipline		X	X	X	X	X	X				
	Read and critically evaluate relevant professional literature	X	X	X	X	X	X				
	Think critically		X	X	X	X	X	X			
	Present information clearly in written and oral form	X	X	X	X	X	X				
	Work in a team environment		X	X		X	X				
	Appreciate cultural diversity		X	X	X	X	X				
Use appropriate tools from chemistry, physics, biology, mathematics, and computing to solve discipline-specific problems		X	X	X	X	X	X	X			
Understand scientific principles and their application to scientific inquiry and to societal concerns		X	X	X	X	X	X	X			
Use with competence appropriate techniques and field methods		X	X	X	X	X	X	X			
Attain employment in geology, meteorology or related fields, or continue their graduate studies			X	X	X	X			X		