

CSU Chico  
 Assessment Plan – Department of Geological and Environmental Sciences  
**BS in Environmental Sciences**

SLO	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
1.1. Using the scientific method to formulate or test hypotheses			X		
1.2. Demonstrate computer skills for gathering, organizing and/or analyzing data			X		
1.3. Apply quantitative skills toward understanding a model.			X		
2.1. Describe physical processes involved in the transfer of matter and energy at multiple scales		X			
2.2. Demonstrate an understanding of ecological processes and patterns;		X			
2.3. Demonstrate in-depth knowledge of physical or ecological processes in a specialized focus.		X			
3.1. Qualify human alterations of Earth's natural processes and their consequences.		X			
3.2. Understand the scientific basis of natural and anthropogenic climate change.		X			
4.1. Describe the effects of management practices and policies on natural resources and ecosystem processes.				X	
4.2. Demonstrate knowledge of regulations related to resource management.				X	
4.3. Explain the scientific basis of sustainable development.				X	
5.1. Access and reference published scientific information;	X				X
5.2. Apply computer skills in communication (e.g., presentation, graphs, etc.);	X				X
5.3. Communicate technical information clearly.	X				X