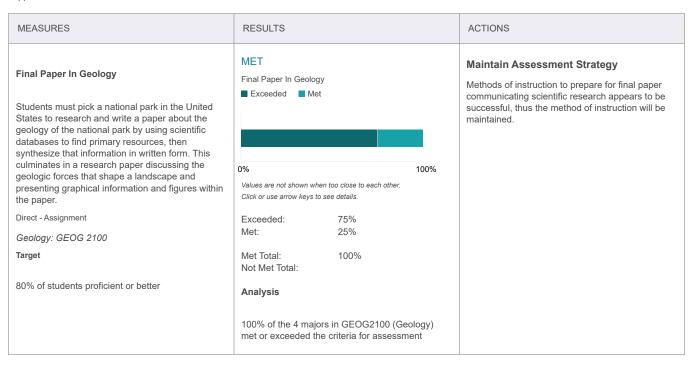
2023-24 Annual Assessment Report Earth & Geographic Sciences Bachelor Environmental & Earth Science

Academic Year 2023-2024

Bachelor Environmental & Earth Science Learning Outcomes

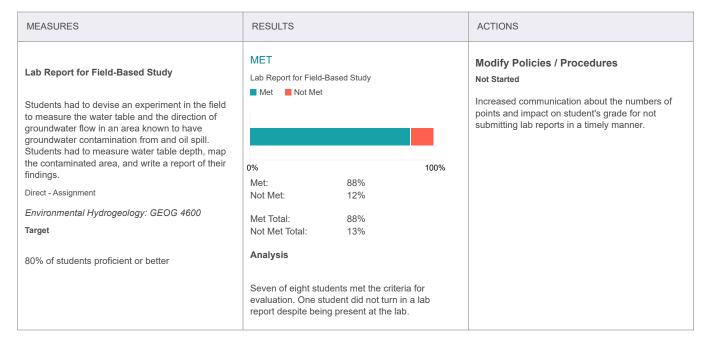
Scientific Communication MET

Students will communicate scientific information through written, oral, and graphical expression with clarity, logical organization, and use of scientific evidence to support their ideas.



Scientific Process MET

Students will use the scientific process, including experimental design, analysis, and critical evaluation of information, and integration of evidence from relevant sources, in the context of environmental investigations.



Earth Systems MET

Students will discuss the structure and composition of Earth's interior, surface, and atmosphere, and explain what it means to consider Earth as a system.

MEASURES	RESULTS	ACTIONS
Final Exam in Earth Systems Science (GEOG1000)	MET Final Exam in Earth Systems Science (GEOG1000) ■ Exceeded	Maintain Assessment Strategy Continue to emphasize the importance of the interaction of Earth's spheres in GEOG1000
Students answer a cumulative question on the final exam about the role of climate change on impacting Earth's systems (atmosphere, hydrosphere, geosphere, biosphere). Students must show ability to evaluate and synthesize information from the course and apply it to a new situation. Students must show an understanding of the interactions between Earth's systems.	0% 100% Values are not shown when too close to each other.	
Direct - Exam (Course)	Click or use arrow keys to see details.	
Introduction to Geography: GEOG 1000	Exceeded: 100%	
Target	Met Total: 100% Not Met Total:	
90% of students proficient	Analysis	
	Although only three majors were in the course, all three majors exceeded expectations and got a full 10/10 points on a cumulative final exam question about synthesizing information related to Earth's spheres and Earth as a system.	

Interdisciplinary Analysis MET

Students will apply an interdisciplinary approach to analyze and propose solutions to environmental science problems.

