



Annual Assessment Report 2023-2024

MS Geological Sciences Department of Geological Sciences College of Science

CONTACT

Name of Program Assessment Lead Stephen Osborn

Name of Person Completing Report Stephen Osborn

DISCIPLINARY ACCREDITATION No

DEVELOPMENT AND DOCUMENTATION OF STUDENT LEARNING OUTCOMES

How were the program's SLOs developed? (select all that apply)

- ☐ We developed them as a program/department using our own knowledge and expertise of the field.
- ☐ The department chair and/or assessment chair developed them in isolation.

Other than the [CPP Catalog](#) and the [Office of Assessment and Program Review website](#), where else are your SLOs published? Select all that apply.

- Department Website - provide URL: _____
- Course Syllabi

ASSESSMENT ACTIVITIES IN 2023-2024

This section provides the opportunity for programs to share and discuss assessment activities conducted in **AY 2023-2024**. This includes data collection, rubric development, data analysis, discussion of findings, development or implementation of closing the loop improvement strategies, update of your assessment plan and/or curriculum matrix, etc.

How many total SLOs does your program assess according to your assessment plan?

- 1

How many SLOs did your program assess this past year in 2023-2024?

- My program assessed SLOs in AY 2023-2024 (e.g., artifact collection, scoring, closing the loop, etc.).

Please list the SLOs examined

- SLO #1: Synthesize details of published Geoscience literature and present oral synopsis to graduate peers and faculty

Student Learning Outcome (SLO): Synthesize details of published Geoscience literature and present oral synopsis to graduate peers and faculty

Assessment Activities	Evidence Used	Evaluation and Interpretation of Evidence
<ul style="list-style-type: none"> Collected/Analyzed/Developed/Modified/Discussed assessment tools 	<ul style="list-style-type: none"> Oral performance (e.g., presentation, defense, conference presentation, etc.) (Direct) 	<ul style="list-style-type: none"> Used rubric or scoring guide
<ul style="list-style-type: none"> Closing the loop (e.g., investigated other pressing issues related to SLO achievement, change course sequence, etc.). Please explain: Changed curriculum 		

Findings			
N of Artifacts	Criterion Used	Goal Met	Eye-opening Result
10	80% at proficient or better	Yes	with respect to science communication, students met criterion last year

IMPROVING THROUGH ASSESSMENT

Overall, what best describes how the program used the results in 2023-2024? Select all that apply.

- Results indicated no action needed because students met expectations

Ideas to improve student learning can come from different constituents. With whom did the program discuss assessment planning and/or share results during AY 2023-2024? Select all that apply.

- Program/department faculty as whole
- Program/department assessment committee
- College assessment committee
- Students

The past academic year posed both challenges and opportunities. Please share any assessment discoveries (e.g., insights about assessment procedures, great achievements, etc.) regarding program assessment in 2023-2024 so that others may learn from your experiences.

simplifying and reducing the SLOs during the summer 23 was been mostly successful. Though participation is still challenging, we were able to get meaningful assessment data. We are hoping to expand upon this during the current academic year.

Please share how the program triangulates various data sources to determine student success. Consider assessment findings, [CPP's GI2025](#) markers, [CSU Dashboard](#), CPP's [Student Success Dashboard](#) on Tableau, [CPP's Graduating Senior Survey](#) on Tableau, course evaluations, etc.

We did not do this last year, but should look at it more closely. In particular, we want to develop a assessment survey for graduating students.

Does the program offer a certificate or credential (e.g., teaching credential)?

- No

The most current assessment plan and curriculum matrix we have on file for your program may be found [here](#). To ensure we have the most updated assessment plan and curriculum matrix for your program, and for posting on our website, please upload the following documents:

Assessment Plan - No

Curriculum Matrix - No