



Annual Assessment Report 2022-2023

MS Mathematics Mathematics & Statistics College of Science

CONTACT

Name of Program Assessment Lead Stacy Brown

Name of Person Completing Report Stacy Brown

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.

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

- Not currently published

ASSESSMENT ACTIVITIES IN 2022-2023

This section provides the opportunity for programs to share and discuss assessment activities conducted in **AY 2022-2023**. 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?

- 2

How many SLOs did your program assess this past year in 2022-2023?

- My program assessed SLOs in AY 2022-2023 (e.g., artifact collection, scoring, closing the loop, etc.). May also have engaged in assessment planning activities unrelated to specific SLOs (e.g., modified curriculum matrix, assessment plan, etc.).

Please list the SLOs examined

- SLO #1: Students will critically evaluate work in their discipline.
- SLO #2: Students will effectively interpret and justify technical ideas with written and oral skills.

Student Learning Outcome (SLO): Students will critically evaluate work in their discipline.

Assessment Activities	Evidence Used	Evaluation and Interpretation of Evidence
<ul style="list-style-type: none">• Collected indirect evidence of student learning (e.g., surveys, interviews, focus groups, etc.)	<ul style="list-style-type: none">• Other: Faculty Survey	
<ul style="list-style-type: none">• Other: Discussed MS assessment with department during annual assessment report.		

Student Learning Outcome (SLO): Students will critically evaluate work in their discipline.

Assessment Activities	Evidence Used	Evaluation and Interpretation of Evidence
• Other: Faculty Survey		

IMPROVING THROUGH ASSESSMENT

Overall, what best describes how the program used the results in 2022-2023? Select all that apply.

- Other, please explain: There was a low turn-out with regard to faculty responses to the Qualtrics survey. This was discussed during the annual assessment meeting with the department and we have decided to reissue the survey now that faculty are more aware of the survey questions and the role of the survey with respect to our annual assessment plan.

Ideas to improve student learning can come from different constituents. With whom did the program discuss assessment planning and/or share results during AY 2021-2022? Select all that apply.

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

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 2022-2023 so that others may learn from your experiences.

Due to recent mandates from the chancellor's office regarding masters degrees in the CSU, the MS program in mathematics is being restructured. Restructuring takes considerable time, due to the myriad of committees which must approve such changes. Once the new program is approved (it was just approved in the faculty senate), the Mathematics and Statistics department will have to significantly revise our assessment plan. This past year (AY 22-23) is one of the last few with the old program. Consequently, faculty were less willing to contribute to the programs assessment. In particular they understand that the data is unlikely to feed into the two new programs. The role of the SLO 4 & 5 data, however, may contribute to our general knowledge and practices. So, it was agreed at the most recent department level assessment discussion that the survey would be re-sent to faculty for further data collection and discussion.

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](#), course evaluations, etc.

Currently, we are not engaging in triangulation practices with the SLO 4 and 5 data collection. However, when the need assessment plans are produced for the two MS programs we will be offering, we will include triangulation practices.

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 - Yes

Curriculum Matrix - Yes