

## Program-Level Assessment: Annual Report

Program Name (no acronyms): Chemistry MS

Department: Chemistry

Degree or Certificate Level: Graduate

College/School: Arts and Sciences

Date (Month/Year): August 2021

Assessment Contact: Scott Martin and Dana Baum

In what year was the data upon which this report is based collected? 2020-2021

In what year was the program's assessment plan most recently reviewed/updated? 2018

Outcome 3: Communicate scientific findings from literature and original findings from the student's own advanced research in written publications and oral presentations.

Outcome 4: Apply learned chemical practices and theories to proposed problems.

### 2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please describe and identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

For Outcomes 1 and 4, course performance as determined by final grade



Changes to the Curriculum or Pedagogies

Course content  
Teaching techniques  
Improvements in technology  
Prerequisites

Course sequence  
New courses  
Deletion of courses  
Changes in frequency or scheduling of course offerings

Changes to the Assessment Plan

Student learning outcomes  
Artifacts of student learning  
Evaluation process

Evaluation tools (e.g., rubrics)  
Data collection methods  
Frequency of data collection

Please describe the actions you are taking as a result of these findings.

We will continue to improve our advising and mentoring of graduate students to maintain our high level of student performance, particularly as they progress through our program.

If no changes are being made, please explain why.

## 7. Closing the Loop: Review of Previous Assessment Findings and Changes

A. What is at least one change your program has implemented in recent years as a result of assessment data?

We have not made any specific changes to our program as our assessment data consistently shows that our students are meeting and exceeding expectations on our outcomes.

B. How has this change/have these changes been assessed?

N/A

C. What were the findings of the assessment?

N/A

D. How do you plan to (continue to) use this information moving forward?

We will continue to monitor the progress of our students and as areas of concern arise, we will made adjustments to address issues.

**IMPORTANT: Please submit any assessment tools (e.g., rubrics) with this report as separate attachments or copied and pasted into this Word document. Please do not just refer to the assessment plan; the report should serve as a stand-alone document.**

