

## Program-Level Assessment: Annual Report

(3 year

### 1. Student Learning Outcomes

Outcome 4: Communicate scientific results effectively.

Outcome 5 outcome(s) Please  
the artifacts in detail, identify the course(s) in which they were collected, and if they are from program  
majors/graduates and/or other students

### 3. Assessment Methods: Evaluation Process

include them in/with this report document

*Chemical Literature (CHEM 3100 Percentage*

*Undergraduate Research (CHEM 3970):*

**Outcome 5: Design and conduct independent research.**

*Undergraduate Research (CHEM 3970):*

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	Most Recent Cycle (FL 2020 - SP 2023)	All Time (FL 2018 - SP 2023)
<b>Undergraduate Research (CHEM 3970)</b>		



Presentation Rubric, Chemical Literature (CHEM 3100), Outcome 4

	Strongly Satisfactory	Satisfactory	Unsatisfactory	Strongly Unsatisfactory
<b>Presentation</b>				
Material was well covered			adequate depth	
Multiple sources were used and properly cited				
Topic was clearly explained so that the audience could understand it				
Figures were well chosen and useful				
	3	4	5	1 2

# Delivery \*

agree disagree

The speaker held the audience's attention and was confident.

The speaker maintained eye contact with the audience and/or engaged the audience.

The speaker was audible and more expressive.

The speaker was prepared and did not read from the slides.



In-Lab Research Rubric, Undergraduate Research (CHEM 3970), Outcome 5

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