

Biology MS
SLO Assessment Plan

MS Biology Program Student Learning Outcomes	Criteria for Success	Current State of Assessment
Demonstrate expertise in a biological discipline through critical evaluation of primary literature and knowledge of appropriate research approaches and techniques.	Provide comments on potential criteria for success. E.g. XX% increase in average score from first to second committee meeting. Possible Assessment: Score on rubric used in first and second committee meetings regarding knowledge of literature, relevant research techniques and approaches	Planned: Spring 2018 – Spring 2019
Demonstrate expertise in a biological discipline through the design, execution, analysis, and interpretation of an independent ethical research project.	Provide comments on potential criteria for success. E.g. XX% increase in average score from 500A/B to Thesis Defense. Possible Assessment: Score on simple rubric used by faculty in 500A/B Poster Presentation and Thesis Defense.	Planned Spring 2018 – Spring 2019
Communicate the results and conclusions of an independent research project orally and in writing to appropriate professional audiences.	1) 50% of MS students present in at least one professional conference within five years of starting MS program. 2) At least 30% of MS students are listed as an author on a submission to a peer-reviewed journal within 5 years of starting MS program.	Assessed by Graduate Committee from 2009 – 2015.

For the most up-to-date information, please contact the program.