

Physics MS Assessment Plan

Graduate Learning Outcomes:

Learning Outcome	Description	Year Assessed	Criteria for Success	Criteria Met?
Intellectual Literacy	Students will solve problems by applying the primary physical theories: classical mechanics, electrodynamics and quantum mechanics.	2017-2018? Change SLO?	Student exams from the three major courses will be assessed? Any surveys? Ideas on how to assess this? Should we change the SLO?	
Critical Thinking	Students will demonstrate engagement in scientific inquiry by analyzing advanced physics questions and designing solutions to those questions	2016-2017	Will device a critical thinking rubric to be used in the grad presentations. (Considering also asking the advisor to fill out an additional rubric for critical thinking aspects that cannot be assess in a 10-minute talk.)	
Communication	Students will clearly and concisely report results and analysis from their research	2015-2016	Student oral presentations will be assessed in 6 categories, each category scored on a scale of 0 - 3 points. Students will be assessed by 3 independent assessors, each offering their own scores. Overall percentage of scores at the 2 (meets expectations) or 3 (exceeds expectations), summed across all three assessors, to be greater than or equal to 80%	Yes

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