

Assurance of Student Learning Reflection 2024-2025

<i>College of Health and Human Services</i>	<i>Department of Public Health</i>
<i>Epidemiology Certificate (1751)</i>	
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Is this an online program? ☒ Yes ☐ No	Please make sure the Program Learning Outcomes listed match those in CourseLeaf. Indicate verification here ☒ Yes, they match! (If they don't match, explain on this page under Evaluation)

Instructions: For the 2024-25 assessment, we are asking you to reflect on the last three-year cycle rather than collect data. It's important to take time to look over the results from the last assessment cycle and really focus on a data-informed direction going forward. In collaboration with your assessment team and program faculty, review each submitted template from 2021-2024 and consider the following for each Program Learning Outcome, add your narrative to the template, and submit the draft to your **ASL Rep** by **May 15, 2025**.

Program Student Learning Outcome 1	
Program Student Learning Outcome	Apply epidemiological methods to assess and analyze impact of public health problems.
Evaluation	The program learning outcome is still relevant and important. The learning outcome is measurable and a measurable verb is used.
Measurement Instruments	We use the PH630 Research Project as a direct measure and the MPH Exit Survey as an indirect measure of student learning. Specifically, in PH630, the instructor assesses students' ability to integrate knowledge through the research project, while the MPH Exit Survey captures students' self-perception of this learning outcome. Both instruments are appropriate for this purpose. The PH630 Research Project is a suitable and direct measure, as it requires students to develop an individualized, evidence-based project. Students formulate their own research questions, identify and analyze data, and produce a comprehensive report. The impact of AI tools on this assignment is minimal due to its personalized and analytical nature. However, the rubric used to evaluate the project may need to be revised to better align with the learning outcome, particularly in more directly assessing students' ability to apply epidemiological methods.
Criteria & Targets	PH630 research project : Criteria: Students have been successful to meet the criteria (15/30 or higher on section of integration of knowledge of Research project) and we target 80% of the students meet this criteria. We added a more challenging target since last year. So we will collect data this year .
Results & Conclusion	Results: The results are expected. The students are doing well and we have adopted a challenge target to measure this learning outcome. Conclusions: The program puts a lot of emphasis on this learning outcome. We plan to continue using this learning outcome as it is vital for this certificate.

<u>**IMPORTANT - Plans for Next Assessment Cycle:</u>	So for 2025-26 assessment cycle, we will revise the rubric to measure this learning outcome more directly, collect data based on our increased target and revised rubric. In the mean time, we will work with stakeholder and get feedback about learning outcomes, curriculum, and so on. Potentially, we may need to modify our course content during this assessment cycle. 2026-2027, collect second round the data 2027-2028, collect third round the data 2028-2029, summary, reflection
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Program Student Learning Outcome 2	
Program Student Learning Outcome	Interpret epidemiological findings, including relevance to public health practice.
Evaluation	The program learning outcome is still relevant and important. The learning outcome is measurable and a measurable verb is used.
Measurement Instruments	Similar to SLO 1, we use the PH630 Research Project as a direct measure and the MPH Exit Survey as an indirect measure of student learning. Specifically, in PH630, the instructor assesses students' ability of Depth of Discussion of Research project, while the MPH Exit Survey captures students' self-perception of this learning outcome. Both instruments are appropriate for this purpose. The PH630 Research Project is a suitable and direct measure. The impact of AI tools on this assignment is minimal due to its personalized and analytical nature. However, the rubric used to evaluate the project may need to be revised to better align with the learning outcome, particularly in more directly assessing students' ability to apply epidemiological methods.
Criteria & Targets	PH630 research project : Criteria: Students have been successful to meet the criteria (8/15 or higher on section of Depth of Discussion of Research project) and we target 80% of the students meet this criteria. We added a more challenging target since last year. So we will collect data this year.
Results & Conclusion	Results: The results are expected. The students are doing well and we have adopted a challenge target to measure this learning outcome. Conclusions: The program puts a lot of emphasis on SLO 2 as well. We plan to continue using SLO 2
<u>**IMPORTANT - Plans for Next Assessment Cycle:</u>	So for 2025-26 assessment cycle, we will revise the rubric to measure this learning outcome more directly, collect data based on our increased target and revised rubric. In the mean time, we will work with stakeholder and get feedback about learning outcomes, curriculum, and so on. Potentially, we may need to modify our course content. 2026-2027, collect second round the data 2027-2028, collect third round the data 2028-2029, summary, reflection

Program Student Learning Outcome 3

Program Student Learning Outcome	Communicate epidemiological findings to professional and lay audiences.
Evaluation	The program learning outcome is still relevant and important. The learning outcome is measurable and a measurable verb is used.
Measurement Instruments	PH630 Research Project as a direct measure and the MPH Exit Survey as an indirect measure of student learning. Specifically, in PH630, the instructor assesses students' ability of cohesiveness of Research project, while the MPH Exit Survey captures students' self-perception of this learning outcome. Both instruments are appropriate for this purpose.
Criteria & Targets	PH630 research project : Students earn 10/20 or higher on section of cohesiveness of Research project MPH exit survey: Students rate objective as agree(4) or higher on the question and At least 80% of students completing certificate will rate the objective as agree or higher on the question
Results & Conclusion	Results: The measurement of students' ability to communicate with lay audiences is weak or not clearly demonstrated. Conclusions: We will revise the content of PH581 to include a component focused on communication with lay audiences.
<u>**IMPORTANT - Plans for Next Assessment Cycle:</u>	So for 2025-26 assessment cycle, we will revise the rubric to measure this learning outcome more directly, collect data based on our increased target and revised rubric. In the mean time, we will work with stakeholder and get feedback about learning outcomes, curriculum, and so on. Potentially, we may need to modify our course content. 2026-2027, collect second round the data 2027-2028, collect third round the data 2028-2029, summary, reflection

To add more outcomes, if needed, select the table above and copy & paste below.