

BSHS Program Learning Outcomes Report Summary 2022

The following table summarizes the assessment of PLOs for the Bachelor of Science in Health Sciences (BSHS) program for assessment cycle 2021. This process is conducted regularly as part of the annual learning results assessments, which measure two or three PLOs for each program each year. This summary report is to be submitted to the EEC upon its completion.

Program	Bachelor of Science in Health Sciences
Assessment Period	Summer 1 2021 through Spring 2 2022
Program Learning Outcomes (PLOs)	PLO 1: Integrate God's Word within the health science industry and society. PLO 4: Utilize technology in statistical analysis and data management.
Closing the loop (from the last time these same PLOs were assessed)	Previous Assessment Cycle: PLO 2 PLO 6
Standards of Success	PLO 1: Artifact Proficiency Standard: To have met two out of the three categories; Aggregate Achievement Standard: to have a benchmark of 80 percent PLO 4: Artifact Proficiency Standard: To have met two out of the three categories; Aggregate Achievement Standard: to have a benchmark of 80 percent.
Evidence	PLO 1 Assessment Artifact: HSCI 300 Bioethics, Week 8 Signature Assignment Sample Size: 23 artifacts PLO 4 Assessment Artifact: HSCI 300 Bioethics, Bioethics of Data Assignment Sample Size: 23 artifacts
Assessment Tool	PLO 1: Direct-assessment rubric for evaluating artifact; inter-rater reliability exercise conducted. PLO 4: Direct-assessment rubric for evaluating artifact; inter-rater reliability exercise conducted.
Assessors	Dr. Christine Whitmyer Dr. Traci Marin Dr. Joanna Vance (tie-breaker)
Results	PLO 1 Out of the 23 artifacts assigned, 20 passed and 3 did not pass. This is an 87% pass rate. PLO 4 Out of the 23 artifacts assigned, 22 passed and 1 did not pass. This is a 96% pass rate.

Discussion of Results	<p>PLO 1: According to the results measured against the performance levels of an 80% minimum pass rate for this criterion, the evidence demonstrates that PLO 2 was exceeded.</p> <p>PLO 4: According to the results measured against the performance levels of an 80% minimum pass rate for this criterion, the evidence demonstrates that PLO 6 for was exceeded.</p>
Proposed Changes	<p>PLO 1: Possibly increase the sample size to confirm the results and to repeat the assessment exercise with another group of students.</p> <p>PLO 4: Possibly increase the sample size to confirm the results and to repeat the assessment exercise with another group of students</p>
Rationale of Proposed Changes	<p>PLO 1: Since this PLO passed with an 80% minimum, the next optional step could be to increase the sample size to confirm the results and to repeat the assessment exercise with another group of students.</p> <p>PLO 4: Since this PLO passed with an 80% minimum, the next optional step could be to increase the sample size to confirm the results and to repeat the assessment exercise with another group of students.</p>
Financial Resources Required	<p>PLO 1: Increasing sample sizes or testing additional artifacts will require additional funds for interrater reliability training and artifact assessment as determined by the Assistant Dean, Educational Effectiveness Committee, and VP/CAO when the next cycle of assessment for this PLO is determined.</p> <p>PLO 4: Increasing sample sizes or testing additional artifacts will require additional funds for interrater reliability training and artifact assessment as determined by the Assistant Dean, Educational Effectiveness Committee, and VP/CAO when the next cycle of assessment for this PLO is determined.</p>
Annual Learning Report for BSHS Approved	<p>Approved by the Educational Effectiveness Committee on December 6, 2022</p>
Follow Up (Closing the Loop)	<p>From the 2021 Assessment Report:</p> <p>PLO 2 21/25 artifacts passed = 84% pass rate No proposed changes at this time.</p> <p>PLO 6 23/23 artifacts passed = 100% pass rate 100% pass rate No proposed changes at this time.</p>