

BSHS Annual Learning Results Summary, AY 2017-18

The following table summarizes the assessment of PLOs for the Bachelor of Science in Health Sciences (BSHS) program for assessment cycle 2017-18. 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 2017 to Spring 2018
Program Learning Outcomes (PLOs)	<p>PLO 2: Demonstrate effective oral communication</p> <p>PLO 6: Demonstrate mastery of discipline-specific competencies in the field of health sciences</p>
Standards of Success	<p>PLO 2: Artifact Proficiency Standard: To have met two out of the three categories; Aggregate Achievement Standard: to have a benchmark of 80 percent</p> <p>PLO 6: Artifact Proficiency Standard: To have met two out of the three categories; Aggregate Achievement Standard: to have a benchmark of 80 percent.</p>
Evidence	<p>PLO 2: HSCI 105 - week 7 group presentation project; Sample Size: 18 artifacts (50% of 36)</p> <p>PLO 6: HSCI 491 - capstone project part 2 - written report, Sample Size: 30 artifacts (40% of 75)</p>
Assessment Tool	<p>PLO 2: Direct-assessment rubric for evaluating artifact; inter-rater reliability exercise conducted.</p> <p>PLO 6: Direct-assessment rubric for evaluating artifact; inter-rater reliability exercise conducted.</p>
Assessors	<p>Dr. Donna Hoefner</p> <p>Dr. Aiwei Borengasser</p>

	Dr. Joanna Vance (tie-breaker)
Results	<p>PLO 2: 29 out of the 30 samples passed (97%)</p> <p>PLO 6: 15 out of the 17 samples passed (88%)</p>
Discussion of Results	<p>PLO 2: According to the results measured against the performance levels of an 80% minimum pass rate for this criterion, the evidence demonstrates that the PLO #2 for HSCI 105 was exceeded. The BSHS PLO regarding demonstration of effective oral communication met the 80% minimum passing rate.</p> <p>Out of the 30 artifacts assigned, 29 passed and 1 failed (for an 97% pass rate). The two primary raters agreed on all 30 of the items, and a tiebreak was not used for any of the items.</p> <p>PLO 6: According to the results measured against the performance levels of an 80% minimum pass rate for this criterion, the evidence demonstrates that the PLO #6 for HSCI 491 was met. The BSHS PLO regarding demonstration of mastery of discipline-specific competencies in the field of health sciences met the 80% minimum passing rate.</p> <p>Out of the 17 artifacts randomly assigned, 15 passed and 2 failed (for a 88% pass rate). The two primary rates agreed on 14 of the items, and a tiebreak was used for 1 of the items.</p>
Proposed Changes	<p>PLO 2: The results indicated that the HSCI 105 artifact demonstrated learner proficiency on the group presentation assignment.</p> <p>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 6: The results indicated that the HSCI 491 artifact demonstrated proficiency on the capstone written report.</p> <p>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>
Rationale for Proposed Changes	<p>PLO 2: No proposed changes at this time.</p> <p>PLO 6: No proposed changes at this time.</p>

Financial Resources Required	<p>PLO 2: 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 Academic Dean when the next cycle of assessment for this PLO is determined.</p> <p>PLO 6: 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 Academic Dean when the next cycle of assessment for this PLO is determined.</p>
Annual Learning Report Approved	<p>11-7-2018 The report was recommended for approval unanimously by the EEC</p>
Follow Up (Closing the Loop)	<p>PLO 4 from last year: At this time we are working to identify common traits from the failures and successes of the pass rates in order to more explicitly determine the level at which students can analyze statistical data. These findings will be used during the 2018-19 academic year to help ensure that every BSHS student demonstrates proficiency in PLO 4.</p> <p>PLO 5 from last year: No proposed changes at this time.</p> <p>PLO 6 from last year: At this time we are working to Clarify the PLO. It is possible that additional refinement of the PLO wording would help reviewers to more accurately measure whether students are able to effectively implement specific organizational functions and processes.</p> <p>In addition, we are currently working to review the course to determine the consistency between the artifact, the artifact rubric, and the PLO.</p>