

Assessment Report

2014-2015

III. Three Year Cycle for Assessment for Student Learning Outcomes

The Natural Sciences faculty agreed to designate five program student learning outcomes (PSLOs) with one or two to be assessed each year in a rotating three-year cycle, as shown in Table 1 below.

Program Student Learning Outcomes	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Assessment Coordinator	Powers	Powers	Sale	Li	Li	Clark	Clark	O'Shaughnessy
1. StudentCoordinator								

Indirect Assessment #1

Two questions on the Senior Exit Survey dealt with how students felt they were prepared in regards to mathematical skills.

Question #2 asked students "Rate your proficiency in the following areas"

Table 5. Responses of Biology-Health Sc

Appendix A. Curriculum Map for Biology - Health Sciences

Appendix B: Rubric for Direct Assessment #1

Biochemistry CHE 450 Lab #1 "Dilutions and Bacterial Growth", Fall 2011

Part of your work (on using and applying math and graphs to biology) in this lab will be scored using the following rubric.

Appendix C: Results for Direct Assessment #1

	Mechanics				Interpretation		Overall Proficiency?		
Student	Labels	Variables	Representation		Error Source	Inference			Y/N
Ana	3	3	3	3	3	3	3	3	High
Renee	3	3	3	3	2.5	3	2.75	2.917	High
Ashton	3	3	1	2.333					

Appendix D: Results for Direct Assessment #2

Criteria	1. Perform mathematical computations.	2. Read and comprehend written and graphical quantitative
----------	---------------------------------------	---