

Biology Assessment Themes Table

Revision of Learning Outcomes--Major
Curriculum Map
Assessment Plan

Area	Primary Outcomes	Associated Timelines and Reports
Learning outcomes revision	<p>Continue to use professional organization's recommended learning outcomes as a guide (Vision and Change recommendations for undergraduate Biology education)</p> <p>BioCore Objectives developed by a large group of Biology faculty representing a range of college and universities</p> <p>Also here</p>	<p>2018-19 (revision) 2012-13 (revision) 2009-10 (initial development)</p>
Assessment of student learning in content at key areas: 225/226, 330, 499	<p>Internal multiple choice exams to standardized/normed</p> <p>GenBio-MAPS (field tested in 2017-18 academic year, implemented 2018-19)</p>	<p>See reports for development and analysis 2019-20 2018-19 2017-18</p> <p>Adjustments to curriculum at these levels</p> <p>Revision of capstone</p>
Writing in the discipline	<p>Review and discussion of appropriate assignments in September 2015.</p> <p>Design of rubric (2016-17)</p> <p>Cohort writing samples in 225/226, 330, 499</p> <p>Summer 2014: workshop on Writing about Biology (J. Pechenik)</p>	<p>Data collected over time</p> <p>First analysis looking only at 225/226 (2019-20)</p> <p>Second analysis Spring 2021 in progress.</p> <p>Impact on expectations and assignments</p>

Capstone	Consideration of model over time 2014-15: current model with faculty research groups	Rubric development over time
Student Perception	Exit Survey (2010-2016) To the PLU Graduating Biology Majors Survey (implemented Spring 2017)	See assessment reports
Analysis of transfer student preparation		2016-17 Report Advising, preparation changes to implement