

Program Student Learning Outcomes Progress Report

Submit completed form with attachments to Div. SLO Coordinator, or Div. Dean if no Div. SLO Coordinator exists.

Program being assessed	Biology AA
Assessment Leader	John Doe
Semester of Program Assessment	Spr. 2012
Semester(s) Course-Level Data Were Collected (use all data since last program assessment)	Fall 2010, Fall 2011, Spr. 2012
Student Work Used for Assessment (final exam questions, reports, etc.)	Final Exam Questions; Research Project Reports
List Courses in this Program	BIOL 170F, BIOL 272F, BIOL 274F, BIOL 276F

Assessment Results:

List Program-Level SLOs (Format: Upon successful completion of courses in the _____ program, students will be able to [measurable verb] _____.)	Which ISLOs can be assessed with these PSLOs?	Is there data to assess PSLO? (Y/N)	Course-Level SLOs Used to Assess PSLOs	# of Successful Students Assessed	% of Successful Students that Met Outcome	Semester PSLO Last Assessed/ % Change (+2%, -1%, N/A, etc.)
PSLO1) Upon successful completion of courses in the Biology Program, students will be able to demonstrate an understanding of how the scientific method is used to explore topics in biology.	ISLO 3A	Y	1) BIOL 272F - SLO 2 2) BIOL 274F - SLO 2	50	75%	Spr. 2010 / +3%
PSLO2) Upon successful completion of courses in the Biology Program, students will be able to Demonstrate safe and proficient use of laboratory equipment and techniques.	ISLO 2C	Y	1) BIOL 272F - SLO 1	25	80%	Spr. 2010 / 0%
PSLO3) Upon successful completion of courses in the Biology Program, students will be able to demonstrate critical thinking skills.	ISLO 2A-D	N				
PSLO4) Upon successful completion of courses in the Biology Program, students will be able to demonstrate mastery of content material.	ISLO 3A-B	Y	1) BIOL 170F - SLO 1 2) BIOL 276F - SLO 6	100	72%	Spr. 2010 / -1.2%
PSLO5) N/A						

Assessment Reflection:

<p>Date of meeting where results were discussed. (Courses with single sections exempt from discussion at meetings)</p>	
<p>What were the most important findings from the assessment?</p>	
<p>In addition to measures being taken to improve competency on course-level outcomes, how will the department address the needs and issues that were revealed by your PSLO assessment? How might student performance in meeting program-level outcomes be improved? (Check all that apply)</p>	<ul style="list-style-type: none">○ Evaluate the effectiveness of course-level outcomes (SLOAs) in assessing PSLOs○ Analyze course curricula to determine that competency skills are taught, so that the department can build a progression of skills as students advance through courses○ Offer/encourage faculty attendance at seminars, workshops or discussion groups about teaching methods○ Consult teaching and learning experts about teaching methods○ Encourage faculty to share activities that foster competency○ Write collaborative grants to fund departmental projects to improve teaching○ Provide articles/books on teaching about competency○ Visit classrooms to provide feedback (mentoring)○ Create bibliography of resource material○ Have binder available for rubrics and results○ Other (please describe)
<p>Please explain how you will implement the improvement measures chosen above, and describe the expected outcomes.</p>	