

Course Assessments

Baseline Assessment

Assessment Reporting Form

This report is to show that academic assessment is occurring and that the results are being used to make changes to improve student learning. The assessment being reported relates to Measurable Student Level Outcomes (MSLOs). This Baseline Assessment Reporting Form shows the percentage of students who are proficient in the student learning outcome(s) assessed and identifies improvements that will be made to increase that percentage.

Course Being Assessed

BIO205

Assessment Completed Term (baseline)

Spring 2023

Assessment Name and Description

Please provide the name of the assessment and a description of its type (multiple-choice quiz, essay aligned with rubric, performance exam, etc.).

BIO 205 Course Assessment (multiple choice quiz with questions aligned to MSLOs and CSLOs)

What is the targeted Proficiency Level For this Assignment?

70%

How Many Faculty Members Administered the Assessment

6

How Many Sections were Included in the Assessment?

6

How Many Students Participated in the Assessment?

70

Term in which Follow-up Assessment will be Completed

SPRING 2025

Baseline Data Changes

What efforts and/or changes will be made based on the results of the baseline data?

Enhance student learning by adding additional instruction to the course i.e. lecture, PowerPoint, video, etcetera.; Revise the assessment tool to make it more effective

If this course aligns with a program, what PLO's were assessed?

List the First MSLO that was Assessed

(Analysis Level) Outline the history of microbiology and the contributions of various scientists to the field. (CSLO 2)

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge

How Many Students Demonstrated Proficiency on this MSLO?

71

List the Second MSLO that was Assessed

(Analysis Level) Describe and distinguish between the various types of microbes. (CSLO 2, 3 & 4)

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge; Personal & Professional Skills

How Many Students Demonstrated Proficiency on this MSLO?

63

List the Third MSLO that was Assessed

(Analysis Level) Describe and differentiate the structural and functional characteristics of prokaryotic and eukaryotic cells. (CSLO 2 & 4)

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge; Reasoning Skills

How Many Students Demonstrated Proficiency on this MSLO?

66

List the Fourth MSLO that was Assessed

(Evaluation Level) . Explain and analyze the various metabolic pathways of microbes with a focus on different methods of energy acquisition. (CSLO 2 & 4)

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge; Reasoning Skills

How Many Students Demonstrated Proficiency on this MSLO?

56

List the Fifth MSLO that was Assessed

(Analysis Level) Describe and analyze microbial growth media, patterns, and factors that affect growth. (CSLO 2, 3 & 4)

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge; Personal & Professional Skills

How Many Students Demonstrated Proficiency on this MSLO?

65