



Program Assessment Report (PAR)

Biological Sciences, BS (BIO) Baccalaureate Degree

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ACADEMIC YEAR COVERED BY THIS REPORT: [AcademicYear]

I. PROGRAM LEARNING OUTCOMES

Students completing a Bachelor of Science in Biological Sciences will be able to demonstrate proficiency in the knowledge of essential concepts of biology at molecular, organismal, and ecosystem scales. Demonstrate proficiency in the knowledge of concepts in chemistry and physics necessary to understand the foundations of biology. Utilize mathematics and statistics to apply quantitative reasoning to biological concepts. Evaluate data using quantitative analysis and graphical representation. Apply observational strategies, formulate testable hypotheses, and design experiments with appropriate controls and variables. Exhibit problem solving skills and trouble-shoot procedures. Effectively communicate biological concepts and interpretations to varied audiences orally and in writing. Discuss the ethical implications of biological understanding and discoveries.

II. PROCEDURES USED FOR ASSESSMENT

A. Direct Assessment

[DirectAssessment]

B. Scoring of Student Work

[Scoring]

C. Indirect Assessment

[IndirectAssessment]

III. ASSESSMENT RESULTS/INFORMATION:

[AssessmentResult]

[Summary]

[Analysis]

IV. ACTIONS TO IMPROVE STUDENT LEARNING

[Actions]

V. SUPPORTING DOCUMENTS

Additional documentation, when provided, is stored in the internal Academic Program Assessment of Student Learning SharePoint site.