



Academic Learning Compact

Degree Program: **Biology (BS)** (CIP Code 26.0101)

Intended Program Student Learning Outcomes	Academic Learning Compact(s)	Direct and Indirect Measures	
		Direct Method of Assessment	Indirect Method of Assessment
Graduates will be able to demonstrate the ability to use critical and creative thinking in designing and conducting experiments, analyzing and evaluating results, in the synthesis of solutions and in engaging in relevant discussions in and in solving	Critical Thinking	Direct - Course Embedded Assessment	Indirect - Exit Survey

problems in the biological sciences.			
Graduates will be able to demonstrate specific content knowledge, concepts, principles, and theories of biological sciences.	Discipline Specific Knowledge	Direct - Comprehensive Exam	Indirect - Exit Survey
Undergraduate Students in the Biology BS program will be able to demonstrate and or perform in practice model ethical choices under a variety of real-world scenarios. and be able to demonstrate knowledge regarding ethical choices associated with academic, research and community situations.	Discipline Specific Knowledge	Direct - Case Studies	Indirect - Exit Survey
Graduates will be able to demonstrate biological laboratory and field skills.	Discipline Specific Knowledge	Direct - Comprehensive Exam	
Students will demonstrate communication skills which include - reading, speaking, writing, questioning, listening, and making presentations about issues related to life sciences and will be able to use modern technology tools to orally present seminars,	Communication	Direct - Course Embedded Assessment	Indirect - Exit Survey

reviews of journal articles or their research findings.			
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