

Biology MSB Program

Learning Outcomes	Criteria and Evaluation: Please rank from 4 to 1. You can use decimal points. 4 = Outstanding; 3 = Meets Expectations; 2 = Acceptable But Needs Improvement; 1 = Unsatisfactory	Committee assessments			
					Overall
Demonstrates mastery of principles in biology	Understands foundational principles in biology (e.g., central dogma, evolution, basic physiology as pertains to their area of expertise).				
	Able to explain how their training in biology contributes to the next phase of their career				
Identifies and critically analyzes scientific literature	Demonstrates familiarity and a thorough understanding of the relevant scientific literature				
	Able to critically read scientific literature				
Demonstrates familiarity with hypothesis testing and experimental design	Understands the scientific method				
	Familiar with best practices for experimental design (e.g., controls, replicates)				