



NORTHERN ILLINOIS UNIVERSITY

# College of Liberal Arts and Sciences

Major: Biological Sciences

Degree: B.S.

Date Revised: March 2, 2021

## Student Learning Outcomes and proposed Methods for collecting data (from assessment plan)

Student Learning Outcomes		Methods of Assessment
1	Proficiency in 5 major areas of biology in line with national standards. a. Evolution/Diversity/Ecology b. Cell and Molecular Biology c. Genetics d. Biological reasoning and critical thinking e. Data analysis and technology	<ul style="list-style-type: none"><li>• Capstone Comprehensive Examination (1,2,4,6)</li><li>• Capstone Writing Assessment (2,6)</li><li>• Mentored Laboratory and/or Field Research (1-6)</li></ul>
2	Effective scientific communication skills	
3	Execution of laboratory and field research skills	
4	Proficiency in critical thinking	
5	Appropriate use of the scientific method	
6	Technical writing proficiency	
7	An intention/commitment to pursue vocational or professional biological science-related careers upon completion of the BS program	