



NORTHERN ILLINOIS UNIVERSITY

College of Liberal Arts and Sciences

Major: Biological Sciences

Degree: Ph.D.

Date Revised: March 2, 2021

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

Student Learning Outcomes	
1	Fundamental understanding of the principles, major research findings and current unresolved problems in their area of emphasis
2	Effective scientific communication skills
3	Effective laboratory and field research skills
4	Proficiency in critical thinking
5	Appropriate use of the scientific method
6	Technical writing proficiency
7	Original scholarship and the ability to conduct independent research

Methods of Assessment
<ul style="list-style-type: none">• Candidacey Examination (1,2,4-6)• Written Research Dissertation (1-7)• Committee meetings (1-7)• Doctoral Dissertation Research (1-7)