



NORTHERN ILLINOIS UNIVERSITY

College of Liberal Arts and Sciences

Department of Biological Sciences

Major: Biological Sciences

Degree: Ph.D.

Date Revised: October 19, 2012

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

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">• Ph.D. qualifying examination (1,2,4-6)• Written Research Dissertation (1-7)• Committee Meetings (1-7)• Doctoral Dissertation Research (1-7)

