



NORTHERN ILLINOIS UNIVERSITY

College of Liberal Arts and Sciences

Major: Mathematical Sciences

Degree: B.S.

Date Revised: 2016-2017

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

	Student Learning Outcomes	Methods of Assessment
1	To engage effectively and efficiently in problem solving	<ul style="list-style-type: none">• Course Assessment• Exit-Essay Analysis
2	To reason rigorously in mathematical arguments	<ul style="list-style-type: none">• Alumni Survey• Interviews
3	An appreciation of the connections between different areas of mathematics and other disciplines	<ul style="list-style-type: none">• Test of Basic Skills (Illinois Licensure Testing System)
4	To communicate mathematics clearly in ways appropriate to career goals	<ul style="list-style-type: none">• edTPA (Teacher Performance Assessment)• Student Teaching Final Report• Evaluation of Clinical Experience