



NORTHERN ILLINOIS UNIVERSITY

# College of Liberal Arts and Sciences

**Major: Mathematical Sciences**

**Degree: Ph.D.**

**Date Revised: 2016-2017**

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

Student Learning Outcomes	
1	Graduates will be able to demonstrate a breadth of knowledge of mathematics in general.
2	Graduates will demonstrate advanced and current knowledge of the subfield containing their specialty.
3	Graduates will demonstrate a deep understanding of their specialty.
4	Graduates will have developed an advanced capacity for abstract reasoning.
5	Graduates will be prepared to conduct independent research.
6	Graduates will demonstrate an appreciation for, and an understanding of, areas of mathematics outside the traditional university setting.

Methods of Assessment
<ul style="list-style-type: none"><li>• Qualifying exams (1,4)</li><li>• Internship evaluation (1,6)</li><li>• Oral candidacy examination (2,4)</li><li>• Annual progress report (3,5)</li><li>• Dissertation Review (4,5)</li><li>• Publication (5)</li></ul>