



NORTHERN ILLINOIS UNIVERSITY

## College of Liberal Arts and Sciences

Major: Computer Science

Degree: Ph.D.

Date Revised: September 2016

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

Student Learning Outcomes		Methods of Assessment
1	Establish proficiency in developing research level computer models and tools.	<ul style="list-style-type: none"><li>• Post-Degree Feedback: Employers (1-5)</li><li>• Post-Degree Feedback: Students (1-5)</li><li>• Presentation or Publication of Scholarly Work (1-5)</li><li>• Master's Thesis Defense (1-5)</li><li>• Dissertation Proposal Defense (1-5)</li><li>• Dissertation Defense (1-5)</li><li>• Student Success in Program (1-3)</li></ul>
2	Evaluate fundamental and recent scientific work in a major field of specialization as well as other advanced topics.	
3	Create scientific knowledge that advances their field of specialization.	
4	Disseminate their scientific knowledge to the scientific community (e.g., through presentations and manuscripts) as well as lay-audiences.	
5	Analyze scholarly work in computer science and provide critical feedback to revise it, within both intra- and inter-professional teams.	