LEARNING SCIENCES PHD

Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (https://catalogs.northwestern.edu/tgs/academic-policies-procedures/).

PhD

Total Units Required: 15

Course	Title
Required courses:	
Foundations	
LRN_SCI 403-0	Foundations of the Learning Science
Cognition	
LRN_SCI 401-0	Knowledge Representation for the Learning Sciences
Sociocultural Context	
LRN_SCI 402-0	Social Dimensions of Teaching & Learning
Design	
LRN_SCI 425-0	Introduction to Design for the Learning Sciences
And two of the following Design courses:	
LRN_SCI 426-0	Design of Technological Tools for Thinking and Learning
LRN_SCI 413-0	Tangible Interaction Design and Learning
LRN_SCI 429-0	Design of Learning Environments
COMP_SCI 430-0	Design of Interactive Learning Environments
LRN_SCI 472-0	Designing and Constructing Models With Multi-Agent Languages
Methods	
LRN_SCI 404-0	Methods and Epistemologies for the Study of Learning 1
LRN_SCI 405-1	Methods and Epistemologies for the Study of Learning II
And Three of the following Methods Courses:	
LRN_SCI 415-0	Field Methods
LRN_SCI 416-0	Advanced Qualitative Methods
LRN_SCI 410-0	Quantitative Methods I: Probability and Statistics
LRN_SCI 411-0	Quantitative Methods II: Regression Analysis
Program seminars or University graduate-level courses (4)	

Note: Changes to the methods requirements are pending administrative approval by TGS. This is anticipated Fall 2021.

Other PhD Degree Requirements

- Examinations: written qualifying exam taken during summer after second year
- Research/Projects: research presentation and paper after second year; pre-dissertation research project
- Teaching: serve as teaching assistant for at least two courses
- PhD Dissertation: based upon independent research
- Final Evaluations: oral defense of dissertation research

Master's

The department does not admit students for the MA degree, but will award the MA to a PhD candidate if deemed in the student's best interest. At least two years of graduate courses, plus any supplementary courses and/or examinations recommended by faculty, are required.