

# RESEARCH METHODOLOGY (PHD)

## Use numbers and data to drive systematic change in education

A number is not simply a number in our research methodology program. Here, unlike in math or statistics, numbers are not the final answer. With a PhD in Research Methodology, you can work in educational and institutional research, using numbers to tell the story of the human experience and create meaningful change.

## Curriculum

The PhD in Research Methodology requires 60cr hours, the completion of a research portfolio, and a dissertation. Students also participate in a consulting experience, where they conduct a research study and provide consulting assistance to a researcher or organization.

## Required Courses

Code	Title	Hours
RMTD 403	Survey Research	3
RMTD 406	Educational Evaluation	3
RMTD 420	Educational Research I: Building a Body of Evidence With Qualitative Methods *	3
RMTD 421	Educational Research II: Building a Body of Evidence With Quantitative Methods	3
One advanced quantitative course		3
RMTD 481	Advanced Educational Statistics	
RMTD 482	Introduction to Linear Models	
RMTD 483	Multivariate Statistics	
RMTD 484	Hierarchical Linear Models	
RMTD 487	Factor Analysis	
RMTD 488	Meta-Analysis	
One advanced qualitative course		3
RMTD 422	Single Subject Design	
RMTD 432	Item Response Theory	
RMTD 440	Mixed Methods Research	
RMTD 470	Case Study Research	
Three courses in Minor Research Area		9
Eleven Electives		33
<b>Total Hours</b>		<b>60</b>

## Comprehensive Assessment

A Comprehensive Research Portfolio is required. The portfolio contains three items: a) a report on a research consulting experience, b) a research paper demonstrating the candidates understanding of all phases in the research process and the ability to analyze and interpret data from a research study, and c) a literature review of an issue in the candidate's area of concentration.

## Dissertation

A dissertation, as well as an oral defense of the dissertation, is required. Once completed, the final dissertation must be submitted to a publicly accessible database according to Graduate School policy.

## Graduate & Professional Standards and Regulations

Students in graduate and professional programs can find their Academic Policies in Graduate and Professional Academic Standards and Regulations (<https://catalog.luc.edu/graduate-professional-academic-standards-regulations/>) under their school. Any additional University Policies supercede school policies.

## Learning Outcomes

You will be able to critically evaluate bodies of knowledge from a variety of methodological traditions, use a variety of software programs to implement analyses, and conduct all stages of a research study in applied settings. Plus, you'll participate in a required consulting experience, where you'll conduct a research study and then provide consulting advice to a researcher or organization.