

QUANTITATIVE METHODOLOGY: MEASUREMENT AND STATISTICS, DOCTOR OF PHILOSOPHY (PH.D.)

Doctoral students are required to complete 66 credits including 12 credits of QMMS899 21 credits of electives.

The Ph.D. program requires both preliminary and comprehensive examinations; the comprehensive examination is designed to assess broad, integrated understanding as well as the student's specialization. All students are expected to engage in research. Quantitative Methodology: Measurement and Statistics does not currently offer the Ed.D. degree.

Course	Title	Credits
Required courses:		
QMMS623	Applied Measurement: Issues and Practices	3
QMMS626	Instrumentation	3
QMMS646	Regression Analysis for the Education Sciences (Regression Analysis for the Education Sciences)	3
QMMS647	Causal Inference and Evaluation Methods	3
QMMS651	Regression Analysis for the Education Sciences II	3
QMMS655	Introduction to Multilevel Modeling	3
QMMS657	Exploratory Latent and Composite Variable Methods	3
QMMS722	Structural Modeling	3
QMMS724	Item Response Theory	3
QMMS779	Seminar in Applied Statistics	3
QMMS787	Bayesian Inference and Analysis	3
Electives		21
Dissertation Research Requirements		
QMMS899	Doctoral Dissertation Research	12
Total Credits		66