

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

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Doctoral students are required to complete 66 credits including 12 credits of EDMS899 and 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:		
EDMS623	Applied Measurement: Issues and Practices	3
EDMS626	Instrumentation	3
EDMS646	General Linear Models I	3
EDMS647	Causal Inference and Evaluation Methods	3
EDMS651	General Linear Models II	3
EDMS655	Introduction to Multilevel Modeling	3
EDMS657	Exploratory Latent and Composite Variable Methods	3
EDMS722	Structural Modeling	3
EDMS724	Modern Measurement Theory	3
EDMS779	Seminar in Applied Statistics	3
EDMS787	Bayesian Inference and Analysis	3
Electives		21
<b>Dissertation Research Requirements</b>		
EDMS899	Doctoral Dissertation Research	12
<b>Total Credits</b>		<b>66</b>