

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

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 |
| Dissertation Research Requirements | | |
| EDMS899 | Doctoral Dissertation Research | 12 |
| Total Credits | | 66 |