

College of Education

Research Requirements for Ph.D. Students

The College of Education requires students in all of its doctoral programs to demonstrate proficiency in both qualitative and quantitative research methodologies. We require five courses in research methodology for all doctoral students, with three courses in either quantitative or qualitative research and two courses in the other area. Within this structure, departments and programs have great flexibility to set more specific requirements. This is in addition to the following course, which must be taken in the first year of the student's Ph.D. program:

07X:150 Introduction to Educational Research

It is very important that students make their course selection in regular and close consultation with their advisors.

Courses Proposed for Meeting Qualitative Requirements

All students must take one of the following four courses:

07B:373 Qualitative Research Design and Methods
07C:338 Essentials of Qualitative Inquiry in Education
07E/S:370 Introduction to Qualitative Methods in Literacy Research
07P:331 Qualitative Educational Research Methods

Students may then take one or two courses as appropriate for their program from the following list. After this requirement has been met, students may take additional coursework from the above list. Courses in qualitative methods taken outside the College of Education are acceptable but require the consent of the advisor.

016:263 The Art and Craft of Historical Writing
016:299 History Workshop Theory & Interpretation
07B:195 Research in Cross-Cultural Settings
07B:240 Introduction to Historical Methodology
07E/S:196 Mixed Methods Research
07E/S:371 Critical Discourse Analysis
07E/S:372 Advanced Methods of Literacy Research: Qualitative Data Analysis and Reporting
07E/S:406 Research in the Arts and Humanities
07E/S:451 Advanced Qualitative Data Analysis
07P:265 Program Evaluation
07S:367 Seminar Current Issues in Art Education: Qualitative Methods
07S:373 Ethnographic Methods, Theories, and Texts
07U:353 Single Subject Design Research
08N:255 The Ethnographic Essay

Courses Proposed for Meeting Quantitative Requirements

All students must take:

07P:243 Intermediate Statistical Methods.

With the approval of the student's program and advisor, this course may be taken pass/fail.

Students with little or no previous coursework in statistical methods may want to take 7P:143 Introduction to Statistical Methods before taking 07P:243. However, 07P:143 cannot be used to fulfill the quantitative research requirement.

Students may then take one or two courses as appropriate for their program from the following list. Courses in quantitative methods taken outside the College of Education are acceptable but require the consent of the advisor.

07B:176	Demographic Techniques for Educational Research
07B:206	Research Process and Design
07B:209	Survey Research and Design
07B:370	Quantitative Methods for Policy Analysis
07P:244	Correlation and Regression
07P:246	Design of Experiments
07P:247	Nonparametric Statistics
07P:249	Factor Analysis and Structural Equation Models
07P:252	Introduction to Multivariate Statistical Methods