

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/EALL:5150 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/EPLS:7373 Qualitative Research Design and Methods
07C:338/CRSD:7338 Essentials of Qualitative Inquiry in Education
07S:370/EDTL:7070 Introduction to Qualitative Methods in Literacy Research
07P:331/PSQF:7331 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/HIST: 7197 The Art and Craft of Historical Writing
016:299/HIST:7199 History Workshop Theory & Interpretation
07B:195/EPLS:5195 Research in Cross-Cultural Settings
07B:240/EPLS:5240 Introduction to Historical Methodology
07P:265/EPLS:6265 Program Evaluation
07S:310/EDTL:7410 Mixed Methods Research
07P:331/PSQF:7331 Conducting Research Online
07S:367/EDTL:6267 Seminar Current Issues in Art Education: Qualitative Methods
07S:371/EDTL:7071 Critical Discourse Analysis
07S:372/EDTL:7072 Advanced Methods of Literacy Research: Qualitative Data Analysis and Reporting
07S:373/EDTL:7073 Ethnographic Methods, Theories, and Texts
07S:406/EDTL:/7206 Research in the Arts and Humanities
07S:451/EDTL:7751 Advanced Qualitative Data Analysis
07U:353/EDTL:7953 Single Subject Design Research
08N:255/NWP:6654 The Ethnographic Essay

Courses Proposed for Meeting Quantitative Requirements

All students must take:

07P:243/PSQF:6243 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/EPLS:5176	Demographic Techniques for Educational Research
07B:206/EPLS:6206	Research Process and Design
07B:209/EPLS:6209	Survey Research and Design
07B:370/EPLS:6370	Quantitative Methods for Policy Analysis
07P:244/PSQF:6244	Correlation and Regression
07P:246/PSQF:6246	Design of Experiments
07P:247/PSQF:6247	Nonparametric Statistics
07P:249/PSQF:6249	Factor Analysis and Structural Equation Models
07P:252/PSQF:6252	Introduction to Multivariate Statistical Methods