

**College of Education
Minimum Research Methodology Requirements
for Doctoral Students**

FPC Approved May 12, 2010

Edd and PhD students must complete a minimum of 12 hours to meet the College-wide requirement for preparation in research methodology. For all doctoral students, except those completing a professional practice Edd, research courses must be selected from the following two lists of courses, with the proviso that the Associate Dean overseeing graduate studies has the authority to approve substitute and alternative courses.

Departments and supervisory committees have the discretion to require more than 12 hours. Required coursework that exceeds these minimum requirements are not subject to review by the Associate Dean overseeing graduate studies.

Approved Courses for Research Doctorates (PhD and Edd)

Qualitative Methods

- EDF 6475—Qualitative Foundations of Educational Research (4)
- EDF 7483—Qualitative data collection (3) Prereq: EDF 6475
- EDF 7479—Qualitative data analysis (3) Prereq: EDF 6475

Quantitative Methods

- EDF 6403—Quantitative Foundations of Educational Research (6) Prerequisite: A course that includes descriptive statistics including measures of location, dispersion, and correlation and inferential statistics through t tests on means (e.g., EDF 6401).

Or both

EDF 6400—Foundations of Educational Research (3)

And

EDF 6402—Inferential Statistics (3)

- EDF 6436—Theory of Measurement (4) Prereq: EDF 6403
- EDF 6471—Survey Design and Analysis in Educational Research (3) Prereq: EDF 6403
- EDF 6481—Quantitative Research Methods in Education (4) Prereq: EDF 6403
- EDF 7405—Advanced Quantitative Foundations of Educational Research (4) Prereq: EDF 6403
- EDF 7412—Structural Equation Models (3) Prereq: EDF 7405
- EDF 7432—Advanced Psychometric Theory (3) Prereq: EDF 6436

- EDF 7435—Rating Scale Design and Analysis in Educational Research (3) Prereq: EDF 6403 and 6434 or 6436
- EDF 7439—Item Response Theory (3) Prereq: EDF 6436
- EDF 7474—Multilevel Models (3) Prereq: EDF 6403 or 6481 and 7405
- EDF 7491—Evaluation of Educational Products and Systems (3) Prereq: EDF 6403
- EDF 7932—Multivariate Analysis in Educational Research (3) Prereq: EDF 6403 or 6481 and 7405

Students completing the requirements for their EdD as a member of one of the College's on-line or hybrid cohort programs may also utilize the following set of four courses to satisfy the minimum research requirement:

- Quantitative 1: Foundations of Research Methodology for Practicing Professionals I (3)
- Quantitative 2: Foundations of Research Methodology for Practicing Professionals II (3)
- Reading, Designing and conducting Qualitative Research (3)
- Program specific research course designed to meet the particular needs of a cohort (3)

These four courses are only offered on-line and due to space limitations, these courses will only be open to EdD students enrolled in one of the College's cohorted on-line or hybrid EdD programs.

Alternative and Substitute Courses

A substitute course is a course that covers the same methodologies as are covered in a listed course and covers the methodologies at the same level of difficulty as in the listed course. Courses that cover the material at a lower level of difficulty are not appropriate substitute courses.

An alternative course is a course that covers different methodologies than are covered in any of the listed courses. Proposing an alternative course presumes that the methodology covered in the alternative course is not covered in any of the listed courses. An example of an alternative quantitative methods course is STA 5507—Applied Nonparametric Methods. None of the listed quantitative methods courses cover nonparametric methods. An example of an alternative qualitative methods course is HIS 6060—Historical Method. None of the listed qualitative methods courses cover methods of historical research.

To request a substitute or alternative course(s), submit a completed "Substitute and/or Alternative Course Form" (available at: <http://education.ufl.edu/web/?pid=90>) to the Associate Dean overseeing graduate studies. The Chair of the student's supervisory committee, on behalf of the supervisory committee, shall transmit the request. Approval of the request by the Associate Dean authorizes the substitute and/or alternative course(s). Requests for substitute or alternative courses should be submitted by the second semester of graduate study or as soon thereafter as possible.

Prospective requests must include the most recent syllabus for the proposed course. Retrospective requests must include the syllabus for the semester in which the proposed course was taken.

Requests for a substitute course must identify the course for which substitution is requested and include an explanation about why a substitution is necessary. When a course substitution is requested, the Associate Dean will solicit advice from the Director of the Research and Evaluation Methodology (REM) program about the equivalence of the listed and substituted course. In the event an alternative course with content similar to that of a listed course is proposed, the Associate Dean will solicit advice from the Director of REM about the equivalence of the listed course. In the event of substantial similarity, the Associate Dean will treat the alternative course as a substitute course.

Proposed substitute or alternative courses taken before admission for doctoral study to the UF Graduate School must have been completed within four years of admission.

Proposed substitute or alternative courses taken after admission for doctoral study to the UF Graduate School must be approved before enrolling in the requested courses.