PhD in Educational, School, and Counseling Psychology with Emphasis in Educational Research Methods and Analysis

Degree Requirements

I. General Core Courses 33
Statistics and Research 21

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ESC_PS 8020</td>
<td>Overview of Research Methods</td>
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<tr>
<td>ESC_PS 8087</td>
<td>Seminar in Educational, School, and Counseling Psychology</td>
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<tr>
<td>ESC_PS 8082</td>
<td>Foundations of Educational and Psychological Measurement</td>
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<tr>
<td>ESC_PS 8655</td>
<td>Item Response Theory</td>
</tr>
<tr>
<td>ESC_PS 8850</td>
<td>Quantitative Foundations in Educational Research</td>
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<tr>
<td>ESC_PS 9650</td>
<td>Application of Multivariate Analysis in Educational Research</td>
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<tr>
<td>ESC_PS 9710</td>
<td>Structural Equation Modeling</td>
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<tr>
<td>ESC_PS 9720</td>
<td>Hierarchical Linear Modeling</td>
</tr>
<tr>
<td>ED_LPA 8957</td>
<td>Qualitative Methods in Educational Research</td>
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</tbody>
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II. Advanced Courses 21

Human Learning 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ESC_PS 8320</td>
<td>Advanced Human Learning</td>
</tr>
<tr>
<td>ESC_PS 8355</td>
<td>Cognition and Emotion</td>
</tr>
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</table>

Other courses if approved by committee 3

Human Diversity (relevant course)

III. General Electives 6

Elective courses can be taken from Educational, School, & Counseling Psychology or from other departments such as Psychological Sciences, Statistics, or Information Science and Learning Technology.

IV. Dissertation 6-18

Sample Plan of Study

The plan of study will depend on the student’s career goals and research interests, and should be completed in consultation with the Doctoral Committee.

Qualifying Process

The Graduate School requires that students pass a qualifying examination as a condition of official admittance to the PhD program. Acceptable performance on the Departmental Qualifying Examination is defined as achieving a grade of “B” or better in each of the courses comprising the “core” courses. If a student receives lower than a “B” on a course, the student must retake the course. Failure to receive the appropriate grade a second time could result in dismissal from the program. For educational research methods and analysis, these courses are the following:

- ESC_PS 8082 Foundations of Educational and Psychological Measurement
- ESC_PS 8020 Overview of Research Methods
- ESC_PS 8850 Quantitative Foundations in Educational Research

Comprehensive Examination Process

To complete the comprehensive exam, students must complete evidence of professional activity (e.g., publication in a refereed journal, paper presentation at a national conference, development of a professionally published test or measure that is used nationally), evidence of teaching, and successful completion of a written comprehensive exam.

Dissertation Requirements

After working with the academic advisor on developing a dissertation proposal, the student meets with the doctoral program committee to obtain approval of the written dissertation proposal. This happens before data collection begins. After the project is completed, the student submits a written dissertation and defends the dissertation to the doctoral program committee. The defense can occur only when MU is officially in session.

Admissions

Applicants are required to meet two sets of minimum qualifications for admission: the requirements of the PhD in Educational, School & Counseling Psychology program (http://gradstudies.missouri.edu/academics/programs/educational,-school-and-counseling-psychology/doctorate-in-educational,-school--counseling-psychology.php) and the minimum requirements of the Office of Graduate Studies (http://gradstudies.missouri.edu/admissions/eligibility-process/minimum-requirements.php).

1. Apply online by submitting the following documents using the MU Office of Graduate Studies (https://applygrad.missouri.edu/apply) application form by January 15th for the next Fall cohort.
2. The three letters of recommendation
3. Curriculum Vita
4. Official academic transcripts of all previous undergraduate and graduate work
   - Minimum undergraduate GPA of 3.0 from an accredited institution in psychology, education, or a related major.
5. Statement of purpose addressing the following:
   - Describe (1) your research interests that you hope to pursue in graduate school, (2) your career objectives, and (3) how being accepted into MU’s program will benefit your career aspirations.
   - Describe interests and or experience in designing empirical studies and/or analyzing empirical data. Briefly describe why you
have chosen particular research designs to answer the research questions. (2500 words max.).

c. Describe interests and experience in analyzing empirical data. Briefly describe why you have chosen particular statistical models to answer the research questions. (250 words max.).

d. Describe interest or experiences that demonstrate your potential in applied, theoretical, and/or computational statistics, that you believe distinguish you as a candidate for graduate study (250 words max.).

6. Official Graduate Record Examination (GRE) scores for tests taken on or after August 1, 2012 should have a combined Verbal and Quantitative score of 305.

7. TOEFL for international students (preferred score of 580 for paper test, 92 iBT, IELTS 6.5 or higher).