EDUCATIONAL PSYCHOLOGY: RESEARCH, EVALUATION, MEASUREMENT AND STATISTICS, PHD

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college).

Total Hours: 66 Hours (Beyond the Master’s Degree)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMS 6003</td>
<td>Analyses of Variance</td>
<td>3</td>
</tr>
<tr>
<td>REMS 6013</td>
<td>Multiple Regression Analysis in Behavioral Studies</td>
<td>3</td>
</tr>
<tr>
<td>REMS 6023</td>
<td>Psychometric Theory</td>
<td>3</td>
</tr>
<tr>
<td>REMS 6373</td>
<td>Program Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>REMS 6663</td>
<td>Applied Multivariate Research in Behavioral Studies</td>
<td>3</td>
</tr>
<tr>
<td>SCFD 6113</td>
<td>Theoretical Foundations of Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>SCFD 6123</td>
<td>Qualitative Research I</td>
<td>3</td>
</tr>
</tbody>
</table>

Hours Subtotal 21

Educational Psychology Degree Core

Select 3 hours from each group:

1. Human Development
   - EPSY 5103 Human Development in Psychology
   - EPSY 6043 Adult Development

2. Learning and Cognition
   - EPSY 5463 Psychology of Learning
   - EPSY 6163 Emotion and Cognition
   - EPSY 6533 Human Motivation

3. Educational Psychology
   - EPSY 6133
   - EPSY 5213

Hours Subtotal 9

Research, Evaluation, Measurement, and Statistics Specialization

Select 12 hours from the following, including 9 hours at 6000-level:

(The following is not an exhaustive list. Additional relevant coursework may be found in other departments: e.g., PSYC, STAT, SOC, HDFS. Check Catalog for applicable prerequisites.)

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>REMS 5373</td>
<td>Educational Measurements</td>
<td></td>
</tr>
<tr>
<td>REMS 5963</td>
<td>Computer Applications in Nonparametric Data Analyses</td>
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<tr>
<td>REMS 6033</td>
<td>Factor Analysis in Behavioral Research</td>
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<tr>
<td>REMS 6320</td>
<td>Doctoral Seminar in REMS</td>
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<tr>
<td>REMS 6383</td>
<td>Program Evaluation II</td>
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<td>REMS 6663</td>
<td>Applied Multivariate Research in Behavioral Studies</td>
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<tr>
<td>REMS 6673</td>
<td>Item Response Theory</td>
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<tr>
<td>REMS 6683</td>
<td>Multilevel Modeling Methods in Education</td>
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<tr>
<td>REMS 6693</td>
<td>Structural Equation Modeling for Behavioral and Educational Research</td>
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<tr>
<td>REMS 6850</td>
<td>Directed Reading</td>
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<tr>
<td>STAT 5043</td>
<td>Sample Survey Designs</td>
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<tr>
<td>SCFD 6190</td>
<td>Qualitative Research: Selected Methods</td>
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<tr>
<td>SCFD 6193</td>
<td>Qualitative Research II</td>
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</table>

Hours Subtotal 12

Cognate Area

Select minimum of 9 hours:

Courses will be selected from one or two cognate areas to develop and improve knowledge and skills in a content and/or methodological area. Following are some examples of cognate areas and relative choices in coursework. This is not an exhaustive list.

Student Development and Higher Education

- SDEV 5213
- SDEV 5223
- SDEV 5320
- SDEV 5733
- SDEV 5333
- SDEV 6173
- SDEV 6213
- EDLE 5953 Developing Educational Organizations
- EDLE 5973

Mathematical Sciences

- MATH 5593 Methods of Applied Mathematics
- STAT 5093 Statistical Computing
- STAT 5123 Probability Theory
- STAT 5133 Stochastic Processes
- STAT 5213 Bayesian Analysis
- STAT 6113 Probability Theory
- STAT 6223 Advanced Statistical Inference
- STAT 6323

Institutional Research

- STAT 5033 Nonparametric Methods
- ECON 4223 Business and Economic Forecasting
- EDLE 6703
- EDLE 6753
- EDLE 6803
- EDLE 6823

Measurement and Cognitive Psychology

- PSYC 4813 Psychological Testing
- EPSY 5663 Creativity for Teachers
- EPSY 6533 Human Motivation
- EPSY 6163 Emotion and Cognition
- EPSY 5783
- EPSY 6063
- PSYC 5823 Cognitive Processes

Hours Subtotal 9

Qualifying Exams
Students must pass a written and oral comprehensive exam. Passing the exams qualifies students for Admission to Doctoral Candidacy, and they should move to the dissertation proposal phase.

**Dissertation Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMS 6000</td>
<td>Doctoral Dissertation</td>
<td>15</td>
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</table>

**Hours Subtotal**: 15

**Applied Experience**

Each student will select two suggested experiences.

**Total Hours**: 66

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1 REMS 5013 and REMS 5953 are required prerequisites.

**General Graduate College Requirements**

- A minimum Grade-Point-Average of 3.00 is required
- A minimum Grade of "C" is required in all degree applicable courses
- No courses utilizing the Pass-No Pass grading system are permitted
- GRAD 5082 or GRAD 5092 may not be used to meet degree requirements

**Additional Doctor of Philosophy (PhD.) Requirements**

- 90 credits beyond the Bachelor’s degree, 60 credits beyond the Master’s degree are required
- At least seventy-five percent of coursework on the Plan of Study must include 5000 and 6000 level courses
- A minimum of 15 hours at the 6000 level with a grade of SR for the doctoral dissertation must be complete. The maximum number of dissertation hours (6000 with a grade of SR) permissible on a Plan of Study must not exceed three-fourths of the total credit hours in the approved graduate degree program
- Credit for all courses on a graduate Plan of Study must have been awarded within 10 years of completion of all degree requirements
- A minimum of 30 in-residence credit hours are required
- Non-Course requirements:
  - Doctoral Candidacy
  - Dissertation Defense
  - Dissertation Submission/Approval