EDUCATIONAL RESEARCH METHODOLOGY, DOCTORAL MINOR

Minor Requirements

Required: 15 credit hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Core Courses (15 credits)</strong></td>
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<td>Select 15 credits from the following:</td>
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<tr>
<td>ERM 700</td>
<td>Validity and Validation</td>
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<tr>
<td>ERM 726</td>
<td>Advanced Topics in Educational Measurement</td>
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<tr>
<td>ERM 727</td>
<td>Computer-Based Testing: Methods and Applications</td>
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<tr>
<td>ERM 731</td>
<td>Structural Equation Modeling in Education</td>
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<tr>
<td>ERM 732</td>
<td>Hierarchical Linear Modeling</td>
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<tr>
<td>ERM 733</td>
<td>Second Language Assessment and Testing</td>
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<tr>
<td>ERM 734</td>
<td>Equating</td>
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<td>ERM 736</td>
<td>Advanced Studies in Second Language Testing</td>
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<td>ERM 741</td>
<td>Evaluation of Educational Programs</td>
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<td>ERM 742</td>
<td>Advanced Topics in the Evaluation of Educational Programs</td>
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<td>ERM 750</td>
<td>Case Study Methods in Educational Research</td>
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<td>ERM 752</td>
<td>Applied Educational Evaluation</td>
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<td>ERM 767</td>
<td>Foundations of Educational Measurement Theory</td>
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<td>ERM 768</td>
<td>Survey Research Methods in Education</td>
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<tr>
<td>ERM 769</td>
<td>Item Response Theory</td>
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<td>ERM 771</td>
<td>Advanced Item Response Theory</td>
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<td>ERM 772</td>
<td>Multidimensional Item Response Theory</td>
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<td>ERM 774</td>
<td>Data Visualization and Presentation</td>
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<td>ERM 780</td>
<td>Intermediate Statistical Methods in Education</td>
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<td>ERM 781</td>
<td>Design and Analysis of Educational Experiments</td>
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<td>ERM 782</td>
<td>Multivariate Analysis</td>
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<tr>
<td>ERM 785</td>
<td>R for Education and the Social Sciences</td>
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Total Credit Hours 15