Teaching and Learning, Ph.D.

Ph.D. Required Research Courses

Students admitted to doctoral programs must complete the program’s research requirements.

Required Core Courses

All Ph.D. students in the Department of Teaching and Learning must complete one or both of the following core courses, depending upon program requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>EDTL:7004</td>
<td>Schooling in the United States</td>
<td>3</td>
</tr>
<tr>
<td>EDTL:7033</td>
<td>Seminar on Teacher Education</td>
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Cognate Areas

The following list of cognates offered by program areas in the department is not exhaustive; students may select cognates from this list, or they may customize their own cognate areas in consultation with their advisors.

Multilingual Education

<table>
<thead>
<tr>
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<th>Hours</th>
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<tbody>
<tr>
<td>EDTL:6483</td>
<td>Multilingual Education and Applied Linguistics</td>
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<tr>
<td>Two of these, chosen in consultation with faculty:</td>
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<tr>
<td>EDTL:6400</td>
<td>Fundamentals of Second Language Assessment</td>
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<tr>
<td>EDTL:6402</td>
<td>Second Language Program Management</td>
<td>3</td>
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<tr>
<td>EDTL:6403</td>
<td>Language Policy and Planning</td>
<td>3</td>
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<tr>
<td>EDTL:6409</td>
<td>Cultural Curriculum</td>
<td>3</td>
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<td>EDTL:6480</td>
<td>Graduate Seminar in Multilingual Education</td>
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<tr>
<td>EDTL:6484</td>
<td>Reading in a Second Language</td>
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<tr>
<td>EDTL:6497</td>
<td>Principles of Course Design for Second Language Instruction</td>
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Gifted Education

Administrative Strand

<table>
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<tr>
<th>Code</th>
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<tr>
<td>EPLS:4110</td>
<td>Administration and Policy in Gifted Education</td>
<td>2</td>
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<tr>
<td>EPLS:4111</td>
<td>Evaluation of Gifted Programs</td>
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<tr>
<td>EPLS:4113</td>
<td>Staff Development for Gifted Programs</td>
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Programming Strand

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<tr>
<td>Both of these:</td>
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<tr>
<td>EDTL:4066</td>
<td>Curriculum Concepts in Gifted Education</td>
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<tr>
<td>EDTL:4199</td>
<td>Program Models in Gifted Education</td>
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Psychology Strand

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<td>Two of these, chosen in consultation with faculty:</td>
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<tr>
<td>CSED:4120</td>
<td>Psychology of Giftedness</td>
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<tr>
<td>CSED:4121</td>
<td>Identification of Students for Gifted Programs</td>
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<td>CSED:4137</td>
<td>Introduction to Educating Gifted Students</td>
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<tr>
<td>CSED:5226</td>
<td>Assessment of Giftedness</td>
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<tr>
<td>CSED:5237</td>
<td>Seminar in Gifted Education</td>
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Literacy, Culture, and Language Education

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<tr>
<td>Both of these:</td>
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<tr>
<td>EDTL:7008</td>
<td>Seminar: Research and Current Issues (topic chosen in consultation with advisor)</td>
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<tr>
<td>EDTL:7015</td>
<td>Ph.D. Seminar in Language, Literacy, and Culture (topic chosen in consultation with advisor)</td>
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Mathematics Education

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<tr>
<td>EDTL:6536</td>
<td>Teaching of Geometry</td>
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<tr>
<td>EDTL:7535</td>
<td>Seminar: Research in Mathematics Education</td>
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Science Education

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<tr>
<td>EDTL:6757</td>
<td>Learning in the Science Classroom</td>
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<tr>
<td>EDTL:6759</td>
<td>Advanced Pedagogy</td>
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Special Education

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<tr>
<td>All of these:</td>
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<tr>
<td>EDTL:7945</td>
<td>Current Issues and Trends in Learning Disabilities</td>
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<td>EDTL:7948</td>
<td>Contemporary Research in Behavioral Disorders</td>
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<tr>
<td>EDTL:7953</td>
<td>Seminar: Single Subject Design Research</td>
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