Doctor of Philosophy (Ph.D.) in Curriculum and Instruction
Degree Plan
(updated 4/17/13)

For a student who has completed a master’s degree, a DVM or MD at a U.S. institution, a minimum of 64 hours is required on the degree plan for the degree of Doctor of Philosophy. For a student who has completed a baccalaureate degree but not a master’s degree or a U.S. DVM or MD, a minimum of 96 hours is required on the degree plan for the degree of Doctor of Philosophy.
(Bolded courses are required.)

Minimum Total Hours: 64

Core Courses
12 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDCI 601</td>
<td>Disciplinary Knowledge and Research in C&amp;I*</td>
<td>3</td>
</tr>
</tbody>
</table>

3 of the following 5 courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDCI 646</td>
<td>Instruction Theory</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 647</td>
<td>Curriculum Theory</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 658</td>
<td>History of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 662</td>
<td>Philosophical Theories of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 606</td>
<td>Cognition, Culture, &amp; Literacy</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 12

*EDCI 601 is to be taken during the first semester.

Research Core Courses
15 hours

Students and their advisors will choose one of the following four research sequences that is most appropriate for their needs. Any substitutions to these sequences will need to be approved by the student’s chair and dissertation/thesis committee, as well as the TLAC department.

Sequence A

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDCI 605</td>
<td>Qualitative Research Methods in C&amp;I OR</td>
<td>3</td>
</tr>
<tr>
<td>EHRD 655</td>
<td>Qualitative Research</td>
<td>3</td>
</tr>
<tr>
<td>EPSY 640</td>
<td>Experimental Design in Education I</td>
<td>3</td>
</tr>
<tr>
<td>EPSY 641</td>
<td>Experimental Design in Education II</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 9
### Sequence B

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDCI 605</td>
<td>Qualitative Research Methods in C&amp;I OR</td>
<td>3</td>
</tr>
<tr>
<td>EHRD 655</td>
<td>Qualitative Research</td>
<td>3</td>
</tr>
<tr>
<td>STAT 651</td>
<td>Statistics in Research I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 652</td>
<td>Statistics in Research II</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>9</strong></td>
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</tbody>
</table>

### Sequence C

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>EDCI 686</td>
<td>Research Methods in EDCI I</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 687</td>
<td>Research Methods in EDCI II</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 688</td>
<td>Advanced Research Methods in EDCI</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>9</strong></td>
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</table>

### Sequence D

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>EPSY 640</td>
<td>Experimental Design in Education I OR</td>
<td>3</td>
</tr>
<tr>
<td>STAT 651</td>
<td>Statistics in Research I</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 605</td>
<td>Qualitative Research Methods in C&amp;I OR</td>
<td>3</td>
</tr>
<tr>
<td>EHRD 655</td>
<td>Qualitative Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 661</td>
<td>Mixed Methods Research in Education*</td>
<td>3</td>
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<tr>
<td></td>
<td>*or any advanced qualitative research course</td>
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<td></td>
<td>approved by your Chair.</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>9</strong></td>
</tr>
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The remaining two research courses (6 hours) should come from this list of “advanced” research courses. Student, their advisors, and dissertation/thesis committee will choose the most appropriate “advanced” courses. The “advanced” research courses may be chosen from the following list:

**Qualitative Research Courses:**
- EDAD 623: Advanced Fieldwork Methods
- EHRD 651: Models of Epistemology and Inquiry in Human Resource Development
- EHRD 656: Narrative Analysis
- EHRD 657: Life History Research
Mixed Methods Courses:
EDAD 620: Educational Program Evaluation
EHRD 618: Evaluation Models in Human Resource Development
EHRD 641: Evaluation of Adult Teaching and Learning
EDCI 628: Analyzing and Reporting Field-Based Research
EDCI 689: Standards and Models of Curriculum Evaluation
EDCI 661: Mixed-Methods Research in Education

Quantitative Research Courses:
STAT 653: Statistics in Research III
EPSY 622: Measurement and Evaluation in Education
EPSY 630: Single-Case Research
EPSY 636: Techniques of Research
EPSY 642: Meta-Analysis of Behavioral Research
EPSY 643: Applied Multivariate Research
EPSY 651: Structural Equation Modeling
EPSY 689: Hierarchical Linear Modeling/Multi-level Modeling
EDCI 627: Teaching and Learning Data Analysis and Uncertainty Concepts

Elective Courses*
24 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Elective</td>
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<td>Elective</td>
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<tr>
<td>Elective</td>
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Total 24

*Students will consult with their advisory committee to determine what courses can be used as electives on their degree plan.
Dissertation Research
13 hours

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>EDCI 691</td>
<td>Research</td>
<td>13</td>
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<tr>
<td></td>
<td></td>
<td>Total 13</td>
</tr>
</tbody>
</table>

The student’s advisory committee will consist of no fewer than four members of the graduate faculty representative of the students’ several fields of study and research, where the chair or co-chair must be from the student’s department, and at least one or more of the members must be from a department other than the student’s major department.

Students will refer to the Office of Graduate Studies (http://ogs.tamu.edu) for information on:

- Residence requirements
- Time Limit
- Transfer of Credit Hours
- 99-hour cap on doctoral degrees