

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

Course	Course Title	Credit Hours
EDCI 601	Disciplinary Knowledge and Research in C&I*	3
3 of the following 5 courses:		
EDCI 646	Instruction Theory	3
EDCI 647	Curriculum Theory	3
EDCI 658	History of Education	3
EDCI 662	Philosophical Theories of Education	3
EDCI 606	Cognition, Culture, & Literacy	3
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

Course	Course Title	Credit Hours
<i>EDCI 605</i>	<i>Qualitative Research Methods in C&I OR</i>	3
<i>EHRD 655</i>	<i>Qualitative Research</i>	3
EPSY 640	Experimental Design in Education I	3
EPSY 641	Experimental Design in Education II	3
Total		9

Sequence B

Course	Course Title	Credit Hours
<i>EDCI 605</i>	<i>Qualitative Research Methods in C&I OR</i>	3
<i>EHRD 655</i>	<i>Qualitative Research</i>	3
STAT 651	Statistics in Research I	3
STAT 652	Statistics in Research II	3
	Total	9

Sequence C

Course	Course Title	Credit Hours
EDCI 686	Research Methods in EDCI I	3
EDCI 687	Research Methods in EDCI II	3
EDCI 688	Advanced Research Methods in EDCI	3
	Total	9

Sequence D

Course	Course Title	Credit Hours
<i>EPSY 640</i>	<i>Experimental Design in Education I OR</i>	3
STAT 651	<i>Statistics in Research I</i>	3
		3
<i>EDCI 605</i>	<i>Qualitative Research Methods in C&I OR</i>	3
<i>EHRD 655</i>	<i>Qualitative Research Methods</i>	3
EDCI 661	Mixed Methods Research in Education* <i>*or any advanced qualitative research course approved by your Chair.</i>	3
	Total	9

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

Course	Course Title	Credit Hours
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	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

Course	Course Title	Credit Hours
EDCI 691	Research	13
	Total	13

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