



TEXAS A&M UNIVERSITY
Teaching, Learning
& Culture

Doctor of Philosophy (PhD) in Curriculum and Instruction Degree Plan

For a student who has completed a master's degree, a DVM, or MD at a U.S. institution, a minimum of 64 hours are required as outlined below. Otherwise, 96 hours are required for the PhD; the additional 32 hours beyond the 64 hours outlined below will be electives and research hours that will be approved by the student's doctoral committee.

Introductory Course: 3 Hours Required

Course	Course Title	Credit Hours
EDCI 601	Disciplinary Knowledge and Research in C&I*	3
Total		3

**must be taken during the first semester*

Foundations Core Courses: 9 Hours Required

Course	Course Title	Credit Hours
3 of the Following 4 Courses:		
EDCI 646	Instruction Theory	3
EDCI 647	Curriculum Theory	3
EDCI 658	History of Education	3
EDCI 662	Philosophical Theories of Education	3
Total		9

Research Core Courses: 15 Hours Required

Courses	Credit Hours
Qualitative Introductory Course*	3
Quantitative Introductory Course**	3
Additional Research Course***	3
Additional Research Course***	3
Additional Research Course***	3
Total	15

***EDCI 605 or EDCI 689 (Narrative Inquiry):** Qualitative Introductory courses. It is recommended that students take the Qualitative Introductory course during the first year.

****STAT 651, EPSY 640, or EDCI 686:** Quantitative Introductory courses. It is recommended that students take the Quantitative Introductory course during the first year.

*****Additional Research courses:** In consultation with the permanent committee chair, students will choose additional research courses that are most appropriate for the student's Degree Plan. These three courses will be approved by the student's committee on the Degree Plan. In consultation with the temporary advisor, students may take the introductory courses (see above) before the Degree Plan is approved. For those students who will focus primarily on quantitative data analysis and research, the additional research courses must include one additional basic course that lists the first course as a prerequisite, and two intermediate/advanced courses (see below).

Listed below are possible additional research courses from which to select in consultation with your permanent advisor:

Qualitative:

Course:	Course Title:
EHRD 655	Qualitative Research
EHRD 651	Models of Epistemology & Inquiry in Human Resource Development
EHRD 656	Narrative Analysis
EHRD 657	Life History Research
EDAD 623	Advanced Fieldwork Methods
EDAD 690	Theory of EDAD Research (Naturalistic Inquiry)
EPSY 633	Qualitative Research Design and Data Collection

Quantitative:

Course:	Course Title:
STAT 653	Statistics in Research III
EPSY 622	Measurement and Evaluation in Education
EPSY 630	Single-Case Research
EPSY 636	Techniques of Research
EDCI 687	Research Methods in EDCI II
EDCI 688	Research Methods in EDCI III
EPSY 689	Hierarchical Linear Modeling/Multi-level Modeling

Basic Quantitative:	
STAT 651	EPSY 640
STAT 652	EPSY 641
Intermediate Quantitative:	
STAT 659	STAT 604
Advanced Quantitative:	
EPSY 625	EPSY 653
EPSY 642	STAT 656
EPSY 643	STAT 657
EPSY 650	EDCI 627
EPSY 651	EDCI 628
EPSY 652	

Mixed Methods Research:

Course:	Course Title:
EDCI 689	Standards and Models of Curriculum Evaluation
EDCI 661	Mixed-Methods Research in Education
EDAD 620	Educational Program Evaluation
EHRD 618	Evaluation Models in Human Resource Development
EHRD 641	Evaluation of Adult Teaching and Learning

Emphasis Area Courses: 24 Hours Required

Teacher Education

- **Required Courses:** EDCI 658, EDCI 606, EDCI 703, EDCI 704, EDCI 705
- **Electives:** 9 Hours in consultation with advisor

History of Education

- **Required Courses:** HIST 628, HIST 630, EDCI 658, EDCI 659, EDCI 670
- **Electives:** 9 Hours in consultation with advisor

Philosophy of Education

- **Electives:** 24 Hours in consultation with advisor

Technology Education

- **Required Courses:** EDCI 732, EDCI 731, EDCI 736
- **Electives:** 15 Hours in consultation with advisor

Multicultural Education

- **Electives:** 24 Hours in consultation with advisor (This emphasis area will be reviewed and updated by the new Multicultural Education faculty in Spring, 2020)

Urban Education

- **Required Courses:** EDCI 645, EDCI 629, EDCI 642, EDCI 637, EDCI 641
- **Electives:** 9 Hours in consultation with advisor

English as a Second Language (ESL)

- **Required Courses:** EDCI 611, EDCI 614, EDCI 612, EDCI 610, EDCI 640 OR 615, EDCI 653 OR 650
- **Electives:** 6 Hours from the following that must be approved by Committee Chair: EDCI 645, EDCI 642, EDCI 710, EDCI 637, EDCI 629, RDNG 674, RDNG 620

Reading (LIT)

- **Required Courses:** RDNG 634, RDNG 635
 - **Additional Required Courses:** If student has not already completed the Reading Specialist Certification, in addition to the 6 hours above: RDNG 602, RDNG 603, RDNG 604, RDNG 605, RDNG 609, RDNG 616, RDNG 620
- **Electives:** RDNG 612, RDNG 613, RDNG 630, RDNG 610, EDCI 723

Science Education

- **Required Courses:** EDCI 663, EDCI 665, EDCI 667, EDCI 668, EDCI 669, EDCI 671, EDCI 701
- **Electives:** 3 Hours from the following that must be approved by Committee Chair: EDCI 620, EDCI 660, EDCI 720, EDCI 721, EDCI 723, EDCI 724, EDCI 726

Mathematics Education

- **Required Courses:** EDCI 617, EDCI 619, EDCI 620, EDCI 621, EDCI 622, EDCI 623, EDCI 627, EDCI 628

Note: Mathematics Education will allow EDCI 685 to be substituted for any of the above courses at the discretion of the Committee Chair.

Dissertation Research: 13 Hours Required

Course	Course Title	Credit Hours
EDCI 691	Research*	13
	Total	13

** Additional hours beyond the 13 hours required will require Committee Chair approval. A hold will be placed on the student's account each semester until graduation.*