TEXAS A&M UNIVERSITY
Teaching, Learning & Culture

Doctor of Philosophy (PhD) in Curriculum and Instruction

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

NOTE: Must be taken in the first semester

Foundations Core Courses: 9 Hours Required (Choose three of the following)		
Course Prefix	Course Title	Credit Hours
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 Required Courses: 6 Hours Required (Choose one from each research categories)			
Research Category	Course Prefix	Course Title	Credit Hours
Qualitative	EDCI 605	Qualitative Research Methods in C&I	3
	EDCI 706	Narrative Inquiry	
Quantitative	STAT 651	Statistics in Research I	3
	EPSY 640	640 Statistical Analysis in Educational Research I	
	EDCI 686	Research Methods in EDCI I	
		Total	**6**

NOTE: Recommended to be taken in the first year

Research Core Elective Courses (page 2): 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). The research core elective course list are possible additional research courses from which to select in consultation with your permanent advisor

Research Core Elective Courses: 9 Hours Required (Choose three of the following)			
Research Category	Course Prefix	Course Title	Credit Hours
	EHRD 655	Qualitative Research	3

Qualitative	EHRD 651	Models of Epistemology & Inquiry in HRD	3
	EHRD 656	Narrative Analysis	3
	EHRD 657	Life History Research	3
	EDAD 623	Advanced Fieldwork Methods	3
	EDAD 690	Theory of EDAD Research (Naturalistic Inquiry)	3
	EPSY 633	Qualitative Research Design and Data Collection	3
	EDCI 707	Narrative Inquiry II	3
Quantitative	STAT 653	Statistics in Research III	3
	EPSY 622	Measurement and Evaluation in Education	3
	EPSY 660	Single-Case Research (formerly EPSY 630)	3
	EPSY 636	Techniques of Research	3
	EDCI 687	Research Methods in EDCI II	3
	EDCI 688	Research Methods in EDCI III	3
	EPSY 689	Hierarchical Linear Modeling/Multi-level Modeling	3
	STAT 651*	Statistics in Research I	3
	STAT 652*	Statistics in Research II	3
	EPSY 641*	Statistical Analysis in Educational Research II	3
	STAT 659**	Applied Categorical Data Analysis	3
	STAT 604**	Topics in Statistical Computations	3
	EPSY 625***	Advanced Psychometric Theory	3
	EPSY 642***	Meta-Analysis of Behavioral Research	3
	EPSY 643***	Applied Multivariate Methods	3
	EPSY 650***	Multiple Regression & Other Linear Models in Ed. Research	3
	EPSY 651***	Theory of Structural Equation Modeling	3
	EPSY 652***	Theory of Hierarchical Linear Models	3
	EPSY 653***	Advanced Structural Equation Modeling	3
	STAT 656***	Applied Analytics Using SAS Enterprise Miner	3
	STAT 657***	Advanced Programming Using SAS	3
	EDCI 627***	Teaching & Learning Data Analysis & Uncertainty Concepts	3
	EDCI 628***	Analyzing and Reporting Field Based Research	3
Mixed Methods	EDCI 689	Standards and Models of Curriculum	3
	EDCI 661	Evaluation Mixed-Methods Research in Education	3
	EDAD 620	Educational Program Evaluation	3
	EHRD 618	Evaluation Models in Human Resource	3
	EHRD 641	Development Evaluation of Adult Teaching and Learning	3
		Total	**9**

NOTE: Courses selections from this category must be in consultation with your permanent committee chair
**Basic Quantitative level Course* ***Intermediate Quantitative Level Course* ****Advanced Quantitative Level Course*

Emphasis Area Courses: 24 Hours Required

Teaching and Teacher Education (TTE) Program Area			
Emphasis	Standard	Courses	Credit Hours
	Required:	EDCI 658, EDCI 606, EDCI 703, EDCI 704, EDCI 705	15

Teacher Education	Electives:	In consultation with advisor	9
History of Education	Required:	HIST 628, HIST 630, EDCI 658, EDCI 659, EDCI 670	15
	Electives:	In consultation with advisor	9
Philosophy of Education	Electives:	In consultation with advisor	24

Science, Technology, Engineering, and Mathematics Education (STEM) Program Area			
Emphasis	Standard	Courses	Credit Hours
Science Education	Required:	EDCI 663, EDCI 667, EDCI 668, EDCI 671, EDCI 701	15
	Electives: Approved with Chair	In consultation with advisor	9
Mathematics Education	Required:	EDCI 617, EDCI 619, EDCI 620, EDCI 621, EDCI 622, EDCI 623, EDCI 627, EDCI 628	24
	Elective:	Mathematics Education will allow EDCI 685 to be substituted for any of the above courses at the discretion of the Committee Chair.	
Learning Design & Technology	Required:	LDTC 602, LDTC 646, LDTC 649, LDTC 654	12
	Electives:	LDTC 608, LDTC 621, EDCI 603, LDTC 651, LDTC 642 In consultation with advisor	12

Early Childhood Education (ECE) Program Area			
Emphasis	Standard	Courses	Credit Hours
Early Childhood	Required:	EDCI 731, EDCI 730, EDCI 652, EPSY 605	12
	Academic Core Courses (choose 2)	EPSY 632, EDCI 640, EDCI 617, RDNG 609	6
	Academic Core Courses (choose 2)	EPSY 618, SPED 609, SPED 630, SPED 642	6

Emphasis Area Courses: 24 Hours Required

Reading and Literacy Education (LIT) Program Area			
Emphasis	Standard	Courses	Credit Hours
	Required:	RDNG 634, RDNG 635	6
	Required		(21)

Reading	if the student has not completed equivalent Reading Specialist Certification coursework:	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	15

*Though Reading Specialist Certification is not required, if you are interested in obtaining certification (which requires 160 hours of practicum) students **must** be added to the TEA portal prior to beginning certification coursework. Please contact Jane Rankin at janerankin@tamu.edu to initiate this process.*

Urban Education (URBN) Program Area			
Emphasis	Standard	Courses	Credit Hours
Required for all Urban Education students:		EDCI 642, EDCI 629, EDCI 653, EDCI 645, EDCI 689: Equity Research Methods	15
Urban Education	Electives:	EDCI 637, EDCI 641, EDCI 710, AFST 601, SOCI 667, EDAD 689: Critical Race Theory	9
Power and Privilege	Electives:	EDCI 641, EDCI 710, EDAD 629, EDAD 689, POLS 674, SOCI 662, SOCI 667, EDCI 689*: CritQuant Research	9
Critical Global Education	Electives:	EDAD 621, EHRD 650, SOCI 337, SOCI 338, HISP 646, SOCI 617, EDCI 703, EDCI 689: Critical Global Education	9
Cultural and Linguistic Diversity	Electives:	EDCI 650*, EDCI 606, EDCI 640, EDCI 653, BIED 620, HISP 671, PHIL 624	9

** = required elective*

Dissertation Hours: 13 Required		
Course Prefix	Course Title	Credit Hours
EDCI 691	Research	13
	Total	**13**

NOTE: 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.

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