

Doctor of Philosophy (Ph.D.) in Curriculum and Instruction (C&I)

with emphasis in Urban Education

The Ph.D. degree requires 64 credit hours.

Required Core Courses		
Course Number	Course Title	Credit Hours
EDCI 601:	Disciplinary Knowledge and Research in Curriculum and Instruction (To be taken first or second semester)	3
	Three of the following five courses	
EDCI 646:	Instructional Theory	3
EDCI 647:	Curriculum Theory	3
EDCI 658:	History of Education	3
EDCI 662:	Philosophical Theories of Education	3
EDCI 689:	Cognition, Culture and Literacy	3
	Total	12

Departmental Required Courses		
Course Number	Course Title	Credit Hours
EDCI 645:	Society and Education in World Perspectives	3
EDCI 629:	Benchmarks in Urban Education: Landmark Case Studies	3
EDCI 642:	Multicultural Education: Theory Research and Practice	3
EDCI 637:	Urban Education: Policy and Analysis	3
EDCI 641:	The African American Learner in Urban Settings	3

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Ph.D. Urban Education

Departmental Required Courses

Course Number	Course Title	Credit Hours
EDCI 689:	The Hispanic Learner in Urban Settings	3
Total		18

Outside or Departmental Electives*

Course Number	Course Title	Credit Hours
	Select 2 of the following 3 courses	
	Elective inside or outside of the department	3
	Elective inside or outside of the department	3
	Elective inside or outside of the department	3
Total		6

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

EDCI 689 = until permanent number is assigned

Students and their advisors will choose one of the following three 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. **Note:** Adjustments may be made to the various research sequences due to course availability. Students should meet with their major advisors to make the necessary changes.

Research Core Courses		Sequence A
Course Number	Course Title	Credit Hours
EDCI 605: <i>Or</i>	Qualitative Research Methods in Curriculum and Instruction	3
EHRD 655:	Qualitative Research	
EPSY 640:	Experimental Design in Education I	3
EPSY 641:	Experimental Design in Education II	3
Total		9

Ph.D. Urban Education

Research Core Courses		Sequence B	
Course Number		Course Title	Credit Hours
EDCI 605: <i>Or</i>		Qualitative Research Methods in Curriculum and Instruction	3
EHRD 655:		Qualitative Research	
STAT 651:		Statistics in Research I	3
STAT 652:		Statistics in Research II	3
Total			9

Research Core Courses		Sequence C	
Course Number		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

Research Core Courses		Sequence D	
Course Number		Course Title	Credit Hours
EPSY 640: <i>Or</i>		Experimental Design in Education I	3
STAT 651:		Statistics in Research I	
EDCI 605: <i>Or</i>		Qualitative Research Methods in Curriculum and Instruction	3
EHRD 655:		Qualitative Research Methods	
EDCI 689:		Advanced Research Methods in Qualitative Research	3
Total			9

Ph.D. Urban Education

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

Course Number	Course Title
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

Course Number	Course Title
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

Course Number	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
EPSY 642:	Meta-Analysis of Behavioral Research
EPSY 643:	Applied Multivariate Research

Ph.D. Urban Education

Quantitative Research Courses

Course Number	Course Title
EPSY 651:	Structural Equation Modeling
EPSY 689:	Hierarchical Linear Modeling/Multi-level Modeling
EDCI 627:	Teaching and Learning Data Analysis and Uncertainty Concepts

Dissertation Research

Course Number	Course Title	Credit Hours
EDCI 691:	Research	13
	Total	13

For a student who has completed a master's degree, a D.V.M. or M.D. 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. D.V.M. or M.D., a minimum of 96 hours is required on the degree plan for the degree of Doctor of Philosophy.

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 (ogs.tamu.edu) for information on:

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

For more information on the Ph.D. degree in C&I with emphasis in Urban Education please visit our [website](#).