

# INNOVATION IN CURRICULUM AND INSTRUCTION (PH.D.)

## Requirements

The basic structure of the program entails the following work, totaling 51 credits:

Course	Title	Credits
<b>Knowledge Core <sup>1</sup></b>		
CTGE 6001	Innovative Educators	3
CTGE 7201	Contemporary Thinking about Instruction	3
CTGE 6191	Critique of Research	3
<b>Specializations <sup>2</sup></b>		
<i>Three courses in any one specialization area</i>		9
Individual Differences and Instruction (Special Education)		
Learning through Multilingualism (Multilingual Education)		
Transliteracy and Learning (Transliteracy Education)		
Transformative Instruction through the Arts & Sciences (STEAM Education)		
<i>Two courses across the remaining specialization areas</i>		6
<b>Research Methods</b>		
PSGE 7681	Quantitative Research Methods in Psychology and Education I	3
PSGE 7682	Quantitative Research Methods in Psychology and Education II	3
PSGE 7683	Qualitative and Single Case Design Research Methods I	3
PSGE 7684	Qualitative and Single Case Design Research Methods II	3
Qualitative and Quantitative Approaches—Choose one of the following:		3
CTGE 7194	Advanced Qualitative Research	
PSGE 7711	Psychometric Theory	
<b>Practice and Service</b>		
CTGE 7210	Higher Education: Teaching, Grant Writing, and Conference Presentations	3
<b>Qualifying Exam</b>		
CTGE 0901	Doctoral Comprehensive Exam/Assessment	0
<b>Research Apprenticeship</b>		
CTGE 7352	Research Design, Implementation, and Dissemination	3
<b>Dissertation Seminars <sup>3</sup></b>		
CTGE 8110	Dissertation Seminar in Curriculum & Teaching	3
CTGE 8111	Dissertation Seminar in Curriculum & Teaching	3
<b>Degree Milestones</b>		
CTGE 0900	Permanent Matriculation	0
CTGE 0999	C&T Proposal Acceptance	0
EDGE 0990	Dissertation Oral Defense	0

EDGE 0999	Dissertation Format Review	0
<b>Total Credits</b>		<b>51</b>

- <sup>1</sup> This component presents foundational knowledge of the theory and research that frames the program and equips candidates with critical skills in reflecting on and evaluating scholarly research literature as well as skills to achieve critical transformation to challenge oppressive educational conditions.
- <sup>2</sup> Students must complete three courses in one area, plus two courses from any of the remaining areas. More information is on the Concentrations tab.
- <sup>3</sup> The final component of the program is completed after passage of the qualifying exam, and consists of ongoing training and mentoring to develop candidate's research skills by conducting investigations. The program revision includes three additional credits of preparatory coursework to equip students in their dissertation preparation.

Students who lack a background in classroom research may be required to take CTGE 6192 Research in the Teaching Process as a prerequisite course, adding three additional credits to the degree. If this course is required, students will be informed at the time of admission.