

**Curriculum and Instruction**  
**EdD Coursework Plan**  
*(revised 3/4/25)*

NAME \_\_\_\_\_ STUDENT # \_\_\_\_\_

*Please discuss with your advisor the course plan most appropriate for your schedule. Students must maintain a cumulative grade-point average of 3.0 or better. Grades below a "B" will not be counted toward the degree. Students pursuing a CDE endorsement should consult their advisor to ensure they meet all requirements.*

	Course Number	Credit Hours	Expected Term of Completion
<b>A. REQUIRED COURSES (12 credits in required; 4 applied to specialization)</b>			
Introduction to Curriculum Models and Applications	CUI 4021	4	
Critical Perspectives in Education	CUI 4035	4	
History and Philosophy of Education	CUI 4180	4	
Cognitive, Creative, and Learning Theories and Applications	CUI 4700	4	
Minimum Total Credit Hours Required		16	
<b>B. RESEARCH</b>			
<i>Required Research (14 credits)</i>			
Structural Foundations of Research and Dissertation Organization	RMS 4940	3	
Research Seminar: Conducting Systematic Reviews	CUI 4050	4	
Introduction to Qualitative Research	RMS 4941	4	
Quantitative Research Design	RMS 4930	3	
<i>Research Methods (choose 1): 3-4 Credits</i>			
Qualitative Data Collection and Analysis	RMS 4942	4	
Survey and Design Analysis	RMS 4931	3	
Correlation and Regression*	RMS 4911	4	
Intro to Evaluation*	RMS 4960	3-4	
<i>Dissertation Research (minimum 11-12 credits)</i>			
Research as Problem Analysis	CUI 5980	4	
Research as Intervention/Applied Research	CUI 5982	4	

Defense of Dissertation Research	CUI 5983	2-3	
Independent Research	CUI 5995	1-2	
Minimum Total Credit Hours Required		<b>29</b>	
<b>C. SPECIALIZATION</b>			
Minimum Total Credit Hours Required		20	

\*Introduction to Statistics (RMS 4910) prerequisite

### Summary of Coursework Completed

	Required Credits	Credits Completed
Required Coursework	16	
Research	29	
Specialization	20	
<b>MINIMUM TOTAL CREDITS FOR DEGREE</b>	<b>65</b>	

\*Note: The 65-credit minimum is required for the EdD. Depending on your research course choices, you might take more credits.

In order to maintain degree candidacy, MCE doctoral students who have finished all requested coursework will register for one dissertation or dissertation in practice credit or other credit for consecutive terms fall through spring (summers not required) until the student graduates.

If you seek a CDE endorsement, you must follow the specialization plan outlined in the C&I handbook, which may include additional credits or other necessary components required by the CDE.

In addition, you must complete the following non-coursework requirements: comprehensive exam, doctoral applied experiences, dissertation proposal and defense.

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Cognate Advisor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
(if applicable)

### Curriculum Studies Specialization

In the Curriculum Studies specialization, students complete courses intended to add to their breadth and depth of knowledge of equity and social justice in education so that they will be well-equipped to meet the learning needs of all students in a variety of educational settings. The Curriculum Studies specialization focuses on curriculum design, models of curriculum, instructional strategies, assessment, and student engagement. Coursework in this specialization encourages candidates to think critically and imaginatively about diversity, equity, and inclusion and the role of curriculum and instruction in creating a more open and inviting learning experience for all students.

	Course Number	Credit Hours	Expected Term of Completion
*Introduction to Curriculum Models and Applications	CUI 4021	4(0)	
Curriculum Theory into Practice	CUI 4022	4	
Humanizing Pedagogies	CUI 4047	4	
Analysis of Teaching	CUI 4032	4	
Transformational Teaching and Learning	CUI 4039	4	
Teacher as Researcher	CUI 4058	4	
Total		24(20)	

### Curriculum Generalist Specialization

	Course Number	Credit Hours	Expected Term of Completion
*Introduction to Curriculum Models and Applications	CUI 4021	4(0)	
Student and advisor collaborate to develop a coursework plan that aligns with the student's goals.			

Total		24(20)	

## STEM Education Specialization

In the STEM Education specialization, students complete courses aimed at developing leaders and researchers in Science, Technology, Engineering, and Mathematics education with strong theoretical and historical backgrounds. The STEM Education specialization focuses on ambitious instructional practices that support meaningful learning experiences for all students, particularly those in historically marginalized groups. Students become familiar with a wide variety of research designs and methods of inquiry so that they can apply various theories to address problems of practice within STEM education. In this way, students are prepared to address matters of practice in diverse educational settings with a strong background in STEM content, pedagogy, and assessment.

	Course Number	Credit Hours	Expected Term of Completion
*Foundations of Education	CUI 4180	4(0)	
Learning and Teaching of STEM	CUI 4610	4	
Improving STEM Instruction	CUI 4640	4	
Technology in STEM Education	CUI 4630	4	
Research in Diversity, Equity, and Social Justice in STEM Education	CUI 4620	4	
School and Curricular Reform	CUI 4041	4	
Total		24(20)	

## Gifted Education Specialization

In the Gifted Education specialization, students complete courses designed to raise awareness of the unique characteristics, social and emotional needs, identification challenges, and other issues concerning gifted students. Students will acquire a comprehensive understanding of current trends, policies, and guidelines, enabling them to effectively implement tailored academic curricula, differentiation strategies, identification processes, educational interventions, and support mechanisms for this diverse and exceptional population.

	Course Number	Credit Hours	Expected Term of Completion
Cognitive, Creative, and Learning Theories and Applications	CUI 4700	4(0)	
Nature, Needs, and Psychological Aspects of Giftedness	CUI 4401	4	
Curriculum and Instructional Strategies and Fieldwork for Gifted Learners	CUI 4403	4	
Current Topics in Gifted Education: Identification and Twice-Exceptionality Applications	CUI 4407	4	

Program Development, Leadership, and Communication in Gifted Education	CUI 4410	4	
Culturally and Linguistically Diverse Learners in Gifted Education	CUI 4412	4	
<b>Total</b>		<b>24(20)</b>	

### CLDE Specialization

	Course Number	Credit Hours	Expected Term of Completion
Critical Perspectives in Education	CUI 4035	4(0)	
Culturally and Linguistically Diverse Learners in Gifted Education	CUI 4412	4	
Foundations of Education for Linguistically Diverse Learners in Teaching and Learning	CUI 4529	4	
Literacy, Language, and Cultural Development for Multilingual Learners	CUI 4531	4	
Literacy, Language, and Culturally Relevant Strategies for Multilingual Learners	CUI 4538	4	
Literacy, Language, and Culture in Assessment Practices for Multilingual Learners	CUI 4536	4	
<b>Total</b>		<b>24(20)</b>	