

**Kent State University School of Teaching, Learning and Curriculum Studies
College and Graduate School of Education, Health and Human Services
Prospectus for Curriculum and Instruction Ph.D. Program
Mathematics Education Concentration**

Doctoral Student _____

Kent State ID Number _____

Street Address _____

City _____ State _____

Zip _____ Phone Number () _____

E-mail Address _____

Doctoral Comprehensive Examination Option (Choose One):

Option 1 _____ Option 2 _____ Option 3 _____

NOTE: Option 3 must be declared within the first 9 hours of course work

Please refer to PhD Handbook www.kent.edu/ehhs/ogs/phd-students

Students must complete a minimum of 90 hours beyond the bachelor's degree and 60 hours beyond the master's degree. A doctoral student is expected to satisfactorily complete dissertation and pass final oral examinations within nine (9) calendar years after admission into the advisory phase coursework.

Program Defined Requirements (PDR) Courses

Waiver or substitution approvals for required PDR courses must be filed prior to prospectus approval. (The form for the waiver or substitution request may be obtained in 308 White Hall.) It is also expected that students will take other elective courses in consultation with their academic advisor(s). See next page.

Required C&I Courses

		Hours / semester completed
C&I 87002	Forms of Inquiry in Curriculum and Instruction	(3) _____
C&I 87000	Theory and Research in Teaching	(3) _____
C&I 87001	Theory and Research in Curriculum ¹	(3) _____
C&I 80089	Residency Seminar I (Must be taken at or near the beginning of one's program; this course is a prerequisite for Residency Seminar II)	(3) _____
C&I 80090	Residency Seminar II (Must be taken at or near the end of one's program; Residency Seminar I is a prerequisite for this course)	(3) _____

Required C & I Courses Total Hours: 15

¹ C&I 77001 Fundamentals of Curriculum (or an equivalent course and/or relevant progress in experiences as determined by the doctoral advisor or co-advisors) is a prerequisite for C&I 87001.

Required Foundations Course

A minimum of one educational foundations course

Course Number & Name _____ (3) _____

Required Foundations course Total Hours: 3

Required Research Courses

A minimum of **four** research courses from those listed below (and possibly from other departments/schools on campus)

NOTE: Students are required to take Statistics, Quantitative and Qualitative, and one advanced research course.

EVAL 75510	Statistics I for Educational Services (prerequisite for EVAL 85515)	(3) _____
EVAL 85515	Quantitative Research Designs and Application in Educational Services (prerequisite for EVAL 85517)	(3) _____
EVAL 85516	Qualitative Research Designs and Application in Educational Services (prerequisite for EVAL 85518)	(3) _____
EVAL 85517	Advanced Quantitative Research in Educational Services	(3) _____
EVAL 85518	Advanced Qualitative Research in Educational Services	(3) _____
EVAL 88795	Mixed Methods Research Design	(3) _____
	Other Research (Special topics) Course (approved by advisor): _____	(3) _____

Required Research and Statistics Total Hours: _____

C&I Electives (Mathematics Education courses required)

C&I 77225	Research in Mathematics Education	(3) _____
C&I 87791	Doctoral Seminar in Mathematics Education ²	(6) _____

Pick 2 of these:

C&I 77224	Teaching Mathematics Using Computers and Calculators	(3) _____
C&I 77226	Improving Mathematics Instruction in Middle Childhood	(3) _____
CI 77095	Special Topics in Curriculum and Instruction	(3) _____

C&I Electives (minimum) Total Hours: _____

² This course should be taken as a 1 credit hour course each Fall and Spring semester the student is enrolled in course work. Offered every Fall and Spring.

Professional Activities Anticipated During Doctoral Studies (LIST ALL BELOW)

Recommended activities for Mathematics Education PhD students:

1. Make a presentation at a state or national conference
2. Author or co-author an article for a journal and submit it for publication
3. Participate in state or national mathematics education professional organizations
4. Other to be defined by you and your advisor

Summary of required coursework	Date Completed	
REQUIRED C&I COURSES		
FOUNDATIONS COURSE		
RESEARCH AND STATISTICS		
C&I ELECTIVES (MATHEMATICS EDUCATION)		
MINOR, COGNATE, CONCENTRATION OR OTHER ELECTIVES		
*Dissertation I (taken for two consecutive semesters for 15 cr hrs each)	(30)	
*Dissertation II (registration is consecutive for 15 cr hrs each semester until completion and graduation)	(15) +	
Total hours		

* Tuition for Dissertation I and II credit hours are calculated differently from regular graduate fees

PhD student signature Date Major advisor(s) signature(s) Date