

**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/doctoral-students](http://www.kent.edu/ehhs/ogs/doctoral-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 <sup>1</sup>	(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**

<sup>1</sup> 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.

RMS 75510	Statistics I for Educational Services (prerequisite for RMS 85515)	(3) _____
RMS 85515	Quantitative Research Designs and Application in Educational Services (prerequisite for RMS 85517)	(3) _____
RMS 85516	Qualitative Research Designs and Application in Educational Services (prerequisite for RMS 85518)	(3) _____
RMS 85517	Advanced Quantitative Research in Educational Services	(3) _____
RMS 85518	Advanced Qualitative Research in Educational Services	(3) _____
RMS 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 <sup>2</sup>	(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) _____
C&I 77095	Special Topics in Curriculum and Instruction	(3) _____

**C&I Electives (minimum) Total Hours: \_\_\_\_\_**

<sup>2</sup> 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.

---

**Mathematics courses** taken (as undergraduate or graduate) not to be included in the totals for the PhD. The recommendation is that each mathematics education student should have a minimum of 40 Semester hours of mathematics (approximately a BA in mathematics).

Course number and title	University (credits) (grade)

**Mathematics Total Hours:** \_\_\_\_\_

---

**Coursework in Minor, Cognate, Concentration or Other Electives**

Course number and title	Hours	Date taken	Grade

**Total hours in Minor, Cognate, or Concentration:** \_\_\_\_\_

## 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

<b>REQUIRED C&amp;I COURSES</b>		
<b>FOUNDATIONS COURSE</b>		
<b>RESEARCH AND STATISTICS</b>		
<b>C&amp;I ELECTIVES (MATHEMATICS EDUCATION)</b>		
<b>MINOR, COGNATE, CONCENTRATION OR OTHER ELECTIVES</b>		
<b>*Dissertation I (taken for two consecutive semesters for 15 cr hrs each)</b>	(30)	
<b>*Dissertation II (registration is consecutive for 15 cr hrs each semester until completion and graduation)</b>	(15) +	
<b>Total hours</b>		

\* 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

**KENT STATE UNIVERSITY**  
**COLLEGE AND GRADUATE SCHOOL OF EDUCATION, HEALTH, AND HUMAN SERVICES**  
**OFFICE OF GRADUATE STUDENT SERVICES**  
**ROOM 418 WHITE HALL**  
**KENT, OH 44242-0001**

**ADVISORY PHASE**  
**PH.D COMMITTEE STRUCTURE**

**SINGLE MAJOR**

Single Major and/or Single Minor or Cognate: Minimum of two members.

- Major advisor (or co-advisor) assigned by the program area
- Second member (or co-advisor) may be from the major program area

---

Note 1: Up-to-date lists of full and associate members of the College and Graduate School of Education, Health, and Human Services are maintained in the Office of Administrative Affairs and Graduate Education, 409 White Hall.

Note 2: Any change in committee structure requires the filing of a revised form.

- If the major advisor has associate graduate faculty rank, the co-advisor or second major advisor must hold full graduate faculty rank.