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](http://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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours / semester completed</th>
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<tbody>
<tr>
<td>C&amp;I 87002</td>
<td>Forms of Inquiry in Curriculum and Instruction</td>
<td>(3) ___________</td>
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<tr>
<td>C&amp;I 87000</td>
<td>Theory and Research in Teaching</td>
<td>(3) ___________</td>
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<tr>
<td>C&amp;I 87001</td>
<td>Theory and Research in Curriculum¹</td>
<td>(3) ___________</td>
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<tr>
<td>C&amp;I 80089</td>
<td>Residency Seminar I (Must be taken at or near the</td>
<td>(3) ___________</td>
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<tr>
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<td>beginning of one’s program; this course is a</td>
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<td></td>
<td>prerequisite for Residency Seminar II)</td>
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<tr>
<td>C&amp;I 80090</td>
<td>Residency Seminar II (Must be taken at or near the</td>
<td>(3) ___________</td>
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<td>end of one’s program; Residency Seminar I is</td>
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<tr>
<td></td>
<td>a prerequisite for this course)</td>
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</tbody>
</table>

**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

<table>
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<tr>
<th>Course Number &amp; Name</th>
<th>Hours / semester completed</th>
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**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)

- 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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours / semester completed</th>
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<tbody>
<tr>
<td>C&amp;I 77225</td>
<td>Research in Mathematics Education</td>
<td>(3) ___________</td>
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<tr>
<td>C&amp;I 87791</td>
<td>Doctoral Seminar in Mathematics Education²</td>
<td>(6) ___________</td>
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</tbody>
</table>

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.

Revised 9/2013 (3/2018)
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).

<table>
<thead>
<tr>
<th>Course number and title</th>
<th>University (credits) (grade)</th>
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Mathematics Total Hours: __________

Coursework in Minor, Cognate, Concentration or Other Electives

<table>
<thead>
<tr>
<th>Course number and title</th>
<th>Hours</th>
<th>Date taken</th>
<th>Grade</th>
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Total hours in Minor, Cognate, or Concentration: __________

Revised 9/2013 (3/2018)
**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

<table>
<thead>
<tr>
<th>Summary of required coursework</th>
<th>Date Completed</th>
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</thead>
<tbody>
<tr>
<td>REQUIRED C&amp;I COURSES</td>
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<tr>
<td>FOUNDATIONS COURSE</td>
<td></td>
</tr>
<tr>
<td>RESEARCH AND STATISTICS</td>
<td></td>
</tr>
<tr>
<td>C&amp;I ELECTIVES (MATHEMATICS EDUCATION)</td>
<td></td>
</tr>
<tr>
<td>MINOR, COGNATE, CONCENTRATION OR OTHER ELECTIVES</td>
<td></td>
</tr>
<tr>
<td>*Dissertation I (taken for two consecutive semesters for 15 cr hrs each)</td>
<td>(30)</td>
</tr>
<tr>
<td>*Dissertation II (registration is consecutive for 15 cr hrs each semester until completion and graduation)</td>
<td>(15) +</td>
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</tbody>
</table>

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

Revised 9/2013 (3/2018)
ADVISORY PHASE FORM

TENTATIVE FULFILLMENT DATES

Step 1. Coursework completed __________________ Date

Internship experience completed __________________ Date

Step 2. Completion of Comp. Exams __________________ Date

Step 3. Approval of Dissertation Proposal __________________ Date

Step 4. Defense of dissertation __________________ Date

Step 5. Anticipated graduation date __________________ Date

PhD Student Name ________________________________

NOTE: ALL SIGNATURES NEEDED ON THIS PAGE MUST BE OBTAINED BY THE STUDENT.

APPROVAL OF PLAN OF STUDY AND RESIDENCY PLAN

Print _________________________________________________________ 
/s/______________________________________________      ________________
Major Advisor/Co-advisor (circle one)     Date

Print _________________________________________________________
/s/______________________________________________      ________________
Co-Advisor/Member if applicable (circle one)     Date

Print _________________________________________________________
/s/______________________________________________      ________________
Optional Member if applicable     Date

Print _________________________________________________________
/s/______________________________________________      ________________
Minor Advisor if applicable     Date

Print _________________________________________________________
/s/______________________________________________      ________________
PhD Student     Date

Major Program Area

Major

Optional Minor

Optional Cognate or Concentration

Residency Plan

Please note that C&I Ph.D. students must complete Residency I, C&I 80089, at the earliest possible point in their doctoral studies and Residency II, C&I 80090, at the latest possible point in their doctoral studies. They will not fulfill their residency requirement until they have completed both courses.

APPROVALS

Program Area Coordinator     Date

Associate Dean for Administrative Affairs     Date
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.