CURRICULUM AND INSTRUCTION - PH.D.

College of Education, Health and Human Services
School of Teaching, Learning and Curriculum Studies
404 White Hall
Kent Campus
330-672-2580
www.kent.edu/ehhs/tlcs

Description
The Ph.D. degree in Curriculum and Instruction prepares scholars for successful careers in college and university settings and produces curriculum leaders for schools and other educational institutions. The program is relevant for qualified students interested in issues related to educational research with a curriculum and instruction focus. Upon completion of the program, students will have gained insight into what it means to transition from doctoral student to disciplined scholar.

The major comprises the following concentrations:

• Adapted/Physical Education
• Curriculum and Teaching Studies
• Educational Technology
• Literacy
• Mathematics Education
• Science Education
• Social Studies Education

Fully Offered At:
• Kent Campus

Admission Requirements

• Master’s degree from an accredited college or university for unconditional admission
• Minimum 3.00 GPA on a 4.00 point scale (minimum 3.50 GPA is recommended) for unconditional admission
• Official transcript(s)
• GRE scores with recommended minimum 50th percentile score
• Résumé or vita
• Application essay
• Sample of written work
• Two letters of recommendation
• Interview
• English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  • Minimum 550 TOEFL PBT score (paper-based version)
  • Minimum 79 TOEFL IBT score (Internet-based version)
  • Minimum 77 MELAB score
  • Minimum 6.5 IELTS score
  • Minimum 58 PTE score

For more information about graduate admissions, please visit the Graduate Studies website. For more information on international admission, visit the Office of Global Education website.

Program Learning Outcomes
Graduates of the program will be able to:

1. Practice research-based leadership.
2. Function as responsible, informed researchers in a specific curriculum and instruction area of study and professional practice.
3. Establish a disciplined life of inquiry.
4. Conduct research informed by multicultural education literature.

Program Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CI 87000</td>
<td>THEORY AND RESEARCH IN TEACHING</td>
<td>3</td>
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<tr>
<td>CI 87001</td>
<td>THEORY AND RESEARCH IN CURRICULUM</td>
<td>3</td>
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<td>CI 87002</td>
<td>FORMS OF INQUIRY IN CURRICULUM AND INSTRUCTION</td>
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<td>EVAL 75510</td>
<td>STATISTICS I FOR EDUCATIONAL SERVICES</td>
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<td>EVAL 85515</td>
<td>QUANTITATIVE RESEARCH DESIGN AND ANALYSIS</td>
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<td>EVAL 85516</td>
<td>QUALITATIVE RESEARCH DESIGN</td>
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<td>ADVANCED QUANTITATIVE RESEARCH IN EDUCATIONAL SERVICES</td>
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<tr>
<td>or EVAL 85518</td>
<td>ADVANCED QUALITATIVE RESEARCH IN EDUCATIONAL SERVICES</td>
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Educational Foundations Course

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<td>CI 80090</td>
<td>RESIDENCY II</td>
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<td>CI 80199</td>
<td>DISSERTATION I 2</td>
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Concentrations

Choose from the following:

1. Adapted/Physical Education
2. Curriculum and Teaching Studies
3. Educational Technology
4. Literacy
5. Mathematics Education
6. Science Education
7. Social Studies Education

Minimum Total Credit Hours: 72

1 Students may complete another specialized research methods course with approval.
2 Upon admission to candidacy, each doctoral candidate must register for CI 80199. It is expected that a doctoral candidate will continuously register for Dissertation I for a total of 30 credit hours, and thereafter CI 80299, each semester (including summer) until all requirements for the degree have been met.

Adapted/Physical Education Concentration Requirements

[PHD-CI-APED]
Curriculum and Instruction - Ph.D.

Concentration Requirements

**Mathematics Education Concentration Requirements**

**[PHD-CI-MTHE]**

<table>
<thead>
<tr>
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<td>RESEARCH IN MATHEMATICS EDUCATION</td>
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<tr>
<td>CI 87791</td>
<td>DOCTORAL SEMINAR IN MATHEMATICS EDUCATION</td>
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Choose from the following:

- CI 77224: TEACHING MATHEMATICS USING COMPUTERS AND CALCULATORS
- CI 77226: IMPROVING MATHEMATICS INSTRUCTION IN MIDDLE CHILDHOOD

Minimum Total Credit Hours: 12

**Science Education Concentration Requirements**

**[PHD-CI-SCED]**

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<td>ISSUES AND TRENDS IN ELEMENTARY SCIENCE</td>
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<td>CI 71134</td>
<td>RESEARCH TRENDS IN SCIENCE EDUCATION</td>
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<td>CI 71140</td>
<td>CULTURE AND MULTICULTURALISM IN SCIENCE EDUCATION</td>
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<tr>
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Minimum Total Credit Hours: 12

**Social Studies Education Concentration Requirements**

**[PHD-CI-SSED]**

Choose from the following:

- CI 7124: EDUCATING THE GOOD CITIZEN
- CI 7125: ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION
- CI 7126: RESEARCH IN SOCIAL STUDIES TEACHING AND LEARNING
- CI 7127: TECHNOLOGY AND SOCIAL STUDIES
- CI 77095: SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION

Minimum Total Credit Hours: 12

**Graduation Requirements**

An introductory course on fundamentals of curriculum and other additional coursework, as well as research activities that support a student’s scholarly interests in the context of doctoral socialization, may be required.

**Comprehensive Examination Requirements**

The course phase of study culminates with a written and oral comprehensive examination that is created and evaluated by each
doctoral student’s prospectus committee. Students choose one of the following options for the written component:

- Eight-hour in-class written examination
- Take-home written examination
- Written examination and portfolio (this option must be selected when submitting the plan of study)

Once doctoral students have passed the comprehensive examination, they organize a dissertation committee, which supervises their dissertation research project.