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 grade 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

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

<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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<td>CI 87001</td>
<td>THEORY AND RESEARCH IN CURRICULUM</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>EVAL 85517</td>
<td>ADVANCED QUANTITATIVE RESEARCH IN EDUCATIONAL SERVICES</td>
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<tr>
<td>or EVAL 85518</td>
<td>ADVANCED QUALITATIVE RESEARCH IN EDUCATIONAL SE</td>
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Educational Foundations Course

- Culminating Requirements
  - CI 80089 RESIDENCY I
  - CI 80090 RESIDENCY II
  - CI 80199 DISSERTATION I

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

[PHD-CI-APED]
### Mathematics Education Concentration Requirements  
**[PHD-CI-MTHE]**

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<td>CI 75592</td>
<td>PRACTICUM IN ADAPTED PHYSICAL EDUCATION</td>
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<tr>
<td>CI 77096</td>
<td>INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION</td>
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<tr>
<td>CI 85025</td>
<td>CONTEMPORARY ISSUES IN SPORT PEDAGOGY - AN INTERNATIONAL PERSPECTIVE</td>
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<td>CI 85037</td>
<td>ADAPTED PHYSICAL EDUCATION</td>
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<tr>
<td>CI 85044</td>
<td>PEDAGOGICAL ANALYSIS OF PHYSICAL EDUCATION AND SPORT</td>
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<td>CI 85055</td>
<td>CURRICU DEVELOP SPORT PEDAGOGY</td>
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<td>Other doctoral-level course, with advisor approval</td>
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Minimum Total Credit Hours: 12

### Science Education Concentration Requirements  
**[PHD-CI-SCED]**

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<td>CI 71133</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]**

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<td><strong>Concentration Requirements</strong></td>
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<td>CI 71124</td>
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<td>CI 71125</td>
<td>ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION</td>
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<td>CI 71126</td>
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<td>CI 71127</td>
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<td>CI 77095</td>
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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.