PhD in Curriculum and Instruction

Four concentrations are available:

a. Critical Pedagogies and Urban Teacher Education Concentration
b. Curriculum Studies Concentration

c. Literacy, Language, and Culture Concentration
d. Mathematics and Science Education Concentration

a. This concentration will not be available to new students after Fall 2021.

Doctor of Philosophy: Critical Pedagogies and Urban Teacher Education Concentration

Admission Requirements

Applicants are considered on an individual basis. Applicants must submit transcripts from the last 60 hours of undergraduate work and from all post baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** No restrictions.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study and for all postbaccalaureate course work.
- **Tests Required** None.
- **Minimum English Competency Test Score**
  - **TOEFL** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (IBT Test). **Note**: Total score is higher than the sum of the subscores; 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), OR,
  - **IELTS** 6.5, with subscores of 6.0 for all four subscores, OR,
  - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required from faculty members or others familiar with the applicant’s previous academic training, academic and research ability, and experience.
- **Personal Statement** Required. The statement must address the applicant’s professional and scholarly goals.
- **Deadlines** Application deadlines for this program are listed on the Graduate College website.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 96 from the baccalaureate or 64 hours beyond the master’s degree.
- **Course Work**

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ED 505</td>
<td>Introduction to Educational Research: Paradigms and Processes</td>
<td></td>
</tr>
<tr>
<td>ED 506</td>
<td>Introduction to Educational Research: Designs and Analyses</td>
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</tbody>
</table>

Methodology Requirement (12 semester hours)

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ED 502</td>
<td>Essentials of Qualitative Inquiry in Education (or equivalent based on faculty advisor approval)</td>
</tr>
<tr>
<td>ED 503</td>
<td>Essentials of Quantitative Inquiry in Education (or equivalent based on faculty advisor approval)</td>
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</tbody>
</table>

One additional course to be selected in consultation with faculty advisor.

Critical Pedagogies and Urban Teacher Education Concentration Program Core (24 semester hours)

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CI 574</td>
<td>Foundations of Critical Teaching and Learning: Paradigms, Perspectives, and Domains</td>
</tr>
<tr>
<td>CI 552</td>
<td>Curriculum and Cultural Context</td>
</tr>
</tbody>
</table>

Area of Emphasis Electives

In consultation with and approval of advisor, select 16 hours in one of the following areas:

- **Critical Pedagogies**
  - CI 550 Conflicts in Curriculum or CI 553 History of Curriculum Thought
  - CI 554 Research on Urban Teaching

- **Urban Teacher Education**
  - CI 554 Research on Urban Teaching

- **Health Professions Education**
  - 16 hours of courses offered in the Department of Medical Education

- **Preliminary Examination** Required; written and oral. The written examination is based on the student’s program of study. The oral portion of the examination is based on both the written examination and the student’s dissertation proposal.
- **Dissertation** Required: CI 599. Students must register for doctoral thesis research for at least 12 semester hours.
- **Other Requirements**
  - Students must complete a training course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects. Students are required to submit an annual report of their academic and professional progress to their department.
  - CI 592, CI 593, or CI 596 4 hours (credit increments negotiated with advisor).

Doctor of Philosophy: Curriculum Studies Concentration

(Note: This concentration will not be available to new students after Fall 2021.)

Admission Requirements

Applicants are considered on an individual basis. Applicants must submit transcripts from the last 60 hours of undergraduate work and from all
post baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** No restrictions.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study and for all postbaccalaureate course work.
- **Tests Required** None.
- **Minimum English Competency Test Score**
  - TOEFL 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test). **Note:** Total score is higher than the sum of the subscores; 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), OR,
  - IELTS 6.5, with subscores of 6.0 for all four subscores, OR,
  - PTE-Academic 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required from faculty members or others familiar with the applicant's previous academic training, academic and research ability, and experience.
- **Personal Statement** Required. The statement must address the applicant's professional and scholarly goals.
- **Deadlines** Application deadlines for this program are listed on the Graduate College website.

## Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 96 from the baccalaureate or 64 hours beyond the master's degree.
- **Course Work**

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<tr>
<td>ED 504</td>
<td>Urban Contexts and Educational Research</td>
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</tr>
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<td>ED 505</td>
<td>Introduction to Educational Research: Paradigms and Processes</td>
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**Methodology Requirement (12 semester hours)**

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</table>

One additional course to be selected in consultation with faculty advisor.

**Curriculum Studies Concentration Program Core (24 semester hours)**

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<th>Code</th>
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<tbody>
<tr>
<td>CI 500</td>
<td>Proseminar in Curriculum and Instruction</td>
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</tr>
<tr>
<td>CI 574</td>
<td>Foundations of Critical Teaching and Learning: Paradigms, Perspectives, and Domains</td>
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## Doctor of Philosophy: Literacy, Language, and Culture Concentration

### Admission Requirements

Applicants are considered on an individual basis. Applicants must submit transcripts from the last 60 hours of undergraduate work and from all post baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** No restrictions.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study and for all postbaccalaureate course work.
- **Tests Required** None.
- **Minimum English Competency Test Score**
  - TOEFL 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test) **Note:** Total score is higher than the sum of the subscores; OR,
  - IELTS 6.5, with subscores of 6.0 for all four subscores, OR,
  - PTE-Academic 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required from faculty members or others familiar with the applicant's previous academic training, academic and research ability, and experience.
- **Personal Statement** Required. The statement must address the applicant's professional and scholarly goals.
- **Deadlines** Application deadlines for this program are listed on the Graduate College website.

## Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 96 from the baccalaureate or 64 hours beyond the master's degree.
- **Course Work**

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**Methodology Requirement (12 semester hours)**

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</table>
One additional course to be selected in consultation with faculty advisor.

**Literacy, Language, and Culture Concentration Program**

<table>
<thead>
<tr>
<th>Core (20 semester hours) a</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>CI 556</td>
<td>Proseminar in Literacy, Language and Culture</td>
<td></td>
</tr>
<tr>
<td>CI 557</td>
<td>Proseminar in Literacy, Language, and Culture</td>
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</table>

**Selectives**

12 hours of selectives with content directly related to literacy, language, and/or culture. Students can select from the following courses:

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<tr>
<td>CI 559</td>
<td>The Social and Cultural Contexts of Literacy and Literacy Instruction</td>
</tr>
<tr>
<td>CI 562</td>
<td>Design and Conduct of Literacy Research</td>
</tr>
<tr>
<td>CI 563</td>
<td>Analysis of Research in Literacy</td>
</tr>
<tr>
<td>CI 568</td>
<td>Research in Children’s and Adolescent Literature</td>
</tr>
<tr>
<td>CI 577</td>
<td>Literacy In and Out of School</td>
</tr>
<tr>
<td>CI 579</td>
<td>Bi-Literacy: Theory, Research, and Practice</td>
</tr>
<tr>
<td>CI 581</td>
<td>Perspectives on Reading: Theory, Research and Practice</td>
</tr>
<tr>
<td>CI 582</td>
<td>Research Perspectives on Literacy in the Disciplines</td>
</tr>
<tr>
<td>CI 583</td>
<td>Early Literacy: Theory Research and Practice</td>
</tr>
<tr>
<td>CI 584</td>
<td>Semiotics, Literacy, and Learning</td>
</tr>
<tr>
<td>CI 585</td>
<td>Seminar in Literacy Studies</td>
</tr>
<tr>
<td>CI 586</td>
<td>Perspectives on Writing Instruction: Theory, Research, and Practice</td>
</tr>
<tr>
<td>CI 587</td>
<td>Literacy Assessment: Theory, Research, and Practice</td>
</tr>
<tr>
<td>CI 589</td>
<td>Literacy and Learning Technologies: Theory, Research and Practice</td>
</tr>
<tr>
<td>CI 592</td>
<td>Apprenticeship in Teacher Education</td>
</tr>
</tbody>
</table>

a Additional courses may be required for students without a master’s degree approved by program faculty.

- **Qualifying Examination** Required. The Qualifying Examination serves as the first step in determining a student’s readiness to undertake dissertation research. It is administered at or near the end of the time the student has completed most of the course work (but has not yet made a major investment toward the dissertation research). A minimum of one year must elapse between passing the Qualifying Examination and the defense of the dissertation. Only students in good academic standing are permitted to take the examination.

  The Qualifying Exam in Literacy, Language, and Culture is offered semiannually, once prior to the beginning of the academic year and once during spring semester. It is designed to be educative as well as evaluative. The exam consists of two components: a Common Knowledge Component given to all students seeking doctoral candidacy and a Specialization Component focusing on a student’s area of specific inquiry in literacy. The qualifying exam is taken over a four-day period, with three days devoted to the Common Knowledge Component and one day to the Specialization Component.

- **Preliminary Examination** Required: The written exam consists of the student’s dissertation proposal. The oral portion of the examination is based on the student’s oral defense of the dissertation proposal.

- **Dissertation** Required. Students must register for doctoral thesis research for at least 16 semester hours.

- **Other Requirements** 4 semester hours. Students participate in a research project in collaboration with a faculty member or a team of faculty members and students. Four semester hours of credit are awarded for the project, requiring at least one semester to complete. Students must complete a training course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects. Students are required to submit an annual report of their academic and professional progress.

**Doctor of Philosophy: Mathematics and Science Education Concentration**

**Admission Requirements**

Applicants are considered on an individual basis. Applicants must submit transcripts from the last 60 hours of undergraduate work and from all postbaccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** No restrictions.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study and for all postbaccalaureate course work.
- **Tests Required** None.
- **Minimum English Competency Test Score**
  - TOEFL 80, with sub-scores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with sub-scores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test) Note: Total score is higher than the sum of the sub-scores. OR
  - IELTS 6.5, with sub-scores of 6.0 for all four sub-scores, OR
  - PTE-Academic 54, with sub-scores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three letters from faculty members or others familiar with the applicant’s previous academic training, academic and research ability, and experience are required.
- **Personal Statement** This required statement must address the applicant’s professional and scholarly goals.
- **Deadlines** Application deadlines for this program are listed on the Graduate College website.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 98 from the baccalaureate or 66 hours beyond the master’s degree.

- **Course Work**

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<tr>
<td></td>
<td>Required Courses</td>
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<tr>
<td></td>
<td>College Core (12 semester hours)</td>
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</tbody>
</table>
ED 504   Urban Contexts and Educational Research
ED 505   Introduction to Educational Research: Paradigms and Processes
ED 506   Introduction to Educational Research: Designs and Analyses

Methodology Requirement (12 semester hours)
ED 502   Essentials of Qualitative Inquiry in Education (or equivalent based on faculty advisor approval)
ED 503   Essentials of Quantitative Inquiry in Education (or equivalent based on faculty advisor approval)

One additional course to be selected in consultation with faculty advisor.

Math and Science Concentration Program Core (12 semester hours)
CI 517   The Sociopolitical Context of Mathematics and Science Education
CI 518   Race, Identity, and Agency in Mathematics and Science Education
CI 573   Multimodality, Multiliteracies, and Science and Mathematics Education

Proseminar in Curriculum and Instruction (2 semester hours)
CI 500   Proseminar in Curriculum and Instruction

Math or Science Specialization (12 semester hours)
Select three of the following in consultation with a faculty advisor:
CI 516   Research on Mathematics Teachers and Teaching
CI 519   Research on the Learning of Mathematics
CI 520   The K-12 Mathematics Curriculum: Theory, Politics and Reform
CI 566   Research on Science Curriculum
CI 567   Research on Science Teaching and Teacher Education
CI 570   Research on Science Learning

• Preliminary Examination Required; written and oral. The written examination is based on the student’s program of study. The oral portion of the examination is based on both the written examination and the student’s dissertation proposal.

• Dissertation Required. Students must register for doctoral thesis research for at least 12 semester hours.

• Other Requirements
  • Students must complete a training course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects. Students are required to submit an annual report of their academic and professional progress to their department.
  • CI 593 or CI 596 or CI 592 (Credit Increments negotiated with the advisor).

Interdepartmental Concentrations
Students earning a graduate degree in this department may complement their courses by enrolling in select concentrations after consulting with their graduate advisor. Interdepartmental concentrations available for this degree include:
  • Black Studies
  • Gender and Women's Studies