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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ED 504</td>
<td>Urban Contexts and Educational Research</td>
<td></td>
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</table>

Methodology Requirement (12 semester hours)

<table>
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<tr>
<th>Course</th>
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<tr>
<td>ED 502</td>
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One additional course to be selected in consultation with faculty advisor.

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

| CI 574 | Foundations of Critical Teaching and Learning: Paradigms, Perspectives, and Domains |
| CI 552 | Curriculum and Cultural Context |

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 |
  - CI 553 | History of Curriculum Thought |
  - CI 554 | Research on Urban Teaching |
  8 additional hours

- **Urban Teacher Education**
  - CI 554 | Research on Urban Teaching |
  12 additional hours

- **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, 6.5, with subscores of 6.0 for all four subscores, OR, 54, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), OR, 51, with subscores of Reading 19, Listening 17, Writing 21 (iBT Test).
- **IELTS** 6.5, with subscores of 6.0 for all four subscores, OR, 54, 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, 6.5, with subscores of 6.0 for all four subscores, OR, 54, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test).
- **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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One additional course to be selected in consultation with faculty advisor.

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

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<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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</tbody>
</table>

One 4-hour course that fulfills a writing requirement. The writing course is selected from inside or outside the college in consultation with a faculty advisor

Additional course work selected in consultation with advisor

### 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 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 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, 54, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test).
- **IELTS** 6.5, with subscores of 6.0 for all four subscores, OR, 54, 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).
- **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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</table>

One 4-hour course that fulfills a writing requirement. The writing course is selected from inside or outside the college in consultation with a faculty advisor.

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

**Literacy, Language, and Culture Concentration Program Core (20 semester hours)**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CI 556</td>
<td>Proseminar in Literacy, Language and Culture</td>
</tr>
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</tbody>
</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>
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<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>
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**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 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 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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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