

# PhD in Curriculum and Instruction

Four concentrations are available:

- Critical Pedagogies and Urban Teacher Education Concentration
- Curriculum Studies Concentration<sup>a</sup>
- Literacy, Language, and Culture Concentration
- Mathematics and Science Education Concentration

<sup>a</sup> 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**

Code	Title	Hours
<b>College Core (12 semester hours)</b>		
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.

### 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  
or 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**,
  - **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**

Code	Title	Hours
College Core (12 semester hours)		
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.		
Curriculum Studies Concentration Program Core (24 semester hours)		
CI 500	Proseminar in Curriculum and Instruction	
CI 574	Foundations of Critical Teaching and Learning: Paradigms, Perspectives, and Domains	

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 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**

Code	Title	Hours
College Core (12 semester hours)		
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.

### Literacy, Language, and Culture Concentration Program Core (20 semester hours)<sup>a</sup>

CI 556	Proseminar in Literacy, Language and Culture
CI 557	Proseminar in Literacy, Language, and Culture

### Selectives

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

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

<sup>a</sup> 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 post baccalaureate 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**

Code	Title	Hours
<b>Required Courses</b>		
<b>College Core (12 semester hours)</b>		

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
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#### 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](#)