

PhD in Curriculum and Instruction

Four concentrations are available:

1. Critical Pedagogies and Urban Teacher Education Concentration
2. Curriculum Studies Concentration^a
3. Literacy, Language, and Culture Concentration
4. Mathematics and Science Education Concentration

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

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 coursework.
- **Tests Required** None.
- **Minimum English Competency Test Score**
 - **TOEFL iBT** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (**Note:** Total score is higher than the sum of the subscores), **OR**,
 - **IELTS Academic** 6.5, with 6.0 in each of the 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.
- **Coursework**

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
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Methodology Requirement (12 semester hours)

ED 502	Essentials of Qualitative Inquiry in Education (or equivalent based on faculty advisor approval)
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ED 503	Essentials of Quantitative Inquiry in Education (or equivalent based on faculty advisor approval)
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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
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CI 552	Curriculum and Cultural Context
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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
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8 additional hours

Urban Teacher Education

CI 554	Research on Urban Teaching
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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).

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 coursework.
- **Tests Required** None.
- **Minimum English Competency Test Score**
 - **TOEFL iBT** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (**Note:** Total score is higher than the sum of the subscores), **OR**,
 - **IELTS Academic** 6.5, with 6.0 in each of the 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.
- **Coursework**

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 coursework selected in consultation with advisor		

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 coursework.
- **Tests Required** None.
- **Minimum English Competency Test Score**
 - **TOEFL iBT** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (**Note:** Total score is higher than the sum of the subscores), **OR**,
 - **IELTS Academic** 6.5, with 6.0 in each of the 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.
- **Coursework**

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)^a		
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

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 coursework (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.

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 coursework.
- Tests Required** None.
- Minimum English Competency Test Score**
 - TOEFL iBT** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (**Note:** Total score is higher than the sum of the subscores), **OR**,
 - IELTS Academic** 6.5, with 6.0 in each of the 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.
- Coursework**

Code	Title	Hours
Required Courses		
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.

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](#)