

CURRICULUM AND INSTRUCTION

The Interdisciplinary Ph.D. program is no longer accepting applications. The Civil Engineering, Computer Science, Economics, Education, Electrical and Computer Engineering, Humanities, Mechanical Engineering, and Natural Sciences Ph.D. programs are now open for applications. Please inquire to umkcsgs@umkc.edu with any questions.

Discipline Coordinator

Candace Schlein, (816) 235-5754, schleinc@umkc.edu

Curriculum and Instruction is a discipline in the Interdisciplinary Ph.D. (<https://catalog.umkc.edu/colleges-schools/graduate-studies/interdisciplinary-phd-program/>) Program administered by the School of Graduate Studies.

Note: The discipline-specific requirements listed here are *in addition* to the requirements listed in Interdisciplinary Ph.D. Application Procedure and Minimum Criteria for Admission and Minimum Interdisciplinary Ph.D. Academic Regulations and Degree Requirements.

Discipline-Specific Admission Requirements

Applicants who designate Curriculum and Instruction as their primary discipline will be expected to have a Master's degree; and a GPA of at least 3.5 on a 4.0 scale, covering all post-baccalaureate work completed to date.

If the discipline is selected as the primary discipline and the dissertation research will have a primary orientation in Curriculum and Instruction, the student must obtain the agreement of a member of the doctoral faculty in Curriculum and Instruction to serve as research advisor before the student can be admitted.

The applicant must provide the following supplementary documentation:

1. Written recommendations from appropriate professors and practitioners in the field (selected by student).
2. Brief narrative stating research interest
3. Sample research or scholarly writing

Suggested Compatible Co-disciplines

Chemistry (<https://catalog.umkc.edu/colleges-schools/graduate-studies/chemistry/>), Computer Science (<https://catalog.umkc.edu/colleges-schools/graduate-studies/computer-science/>), Economics (<https://catalog.umkc.edu/colleges-schools/graduate-studies/economics/>), Educational Leadership Policy and Foundations (<https://catalog.umkc.edu/colleges-schools/graduate-studies/educational-leadership-policy-foundations/>), English (<https://catalog.umkc.edu/colleges-schools/graduate-studies/english/>), History (<https://catalog.umkc.edu/colleges-schools/graduate-studies/history/>), Mathematics (<https://catalog.umkc.edu/colleges-schools/graduate-studies/mathematics/>), Physics (<https://catalog.umkc.edu/colleges-schools/graduate-studies/physics/>), Social Science Consortium (<https://catalog.umkc.edu/colleges-schools/graduate-studies/social-science-consortium-economics-political-science-sociology/>)

Core Program Requirements

All students with Curriculum and Instruction as primary discipline are required to complete:

Code	Title	Credits
Curriculum and Instruction Course Requirements (24 hours minimum)		
EDUC-C&I 5618 or EDUC-C&I 5620	Survey Of Research In Curriculum Seminars In Theories Related To Curriculum	3
EDUC-C&I 5626	Seminar in Multicultural Perspectives In Education	3
EDUC-C&I 5570 or EDUC-C&I 5572	Curriculum And Instruction In Technology Assessing The Role Of Technology In Education	3
EDUC-C&I XXX	15 hours of EDUC-C&I Electives	15
Research Course Requirements (12 hours minimum)		
EDUC-R&P 5608	Introduction To Graduate Research	3
EDUC-R&P 5505	Statistical Methods I	3
EDUC-R&P 5555	Statistical Methods II ^{3 credits; taken instead of EDUC-R&P 5605/5606}	3
EDUC-R&P 5605 & EDUC-R&P 5606	Quantitative Analysis I: Regression And Analysis Of Variance and Quantitative Analysis II : Multivariate Data Analysis ^{6 credits total; must be taken as a sequence}	6
EDUC-R&P 5612	Applied Quantitative Research in Education ^{3 credits; Preq of EDUC-R&P 5555 or 5605)}	3
EDUC-R&P 5615	Qualitative Research Theory & Design Educational Setting. Part 1	3

EDUC-R&P 5616	Qual Data Collection And Analysis In Educational Settings. Part 2 ^{3 credits; Prereq of EDUC-R&P 5615}	3
All courses taken to fulfill this requirement must be completed during I.Ph.D. program; students may not count coursework completed for previous degree programs to these requirements.		
Special Topics (or equivalent experiences or coursework)		
Special Topics in the Responsible Conduct of Research: An Introductory Overview		
Special Topics in the Responsible Conduct of Research: Human Subjects Research		
EDUC-C&I 5697	Dissertation Curriculum And Instruction	12

All students with Curriculum and Instruction as a co-discipline are required to complete:

Code	Title	Credits
Core Courses		
Select one of the following:		3
EDUC-C&I 5505 or EDUC-C&I 5506 or EDUC-C&I 5591	Introduction To Curriculum Theory Curriculum Design Curriculum & Instruction For The 21St Century	
EDUC-C&I 5618 or EDUC-C&I 5620	Survey Of Research In Curriculum Seminars In Theories Related To Curriculum	3
EDUC-C&I 5626	Seminar in Multicultural Perspectives In Education	3
EDUC-C&I 5570 or EDUC-C&I 5572	Curriculum And Instruction In Technology Assessing The Role Of Technology In Education	3
One elective course (3-credit hours)		3
Total Credits		15

Ph.D. study in Curriculum and Instruction prepares students with diverse academic and professional backgrounds to meet equally diverse career and scholarly goals. Moreover, rather than being a homogeneous field with a relatively uniform approach to Ph.D. study, Curriculum and Instruction encompasses several separate specialized areas, each with its own requirements and expectations regarding doctoral work. Hence, students accepted for the Interdisciplinary Ph.D. program with Curriculum and Instruction as their co-discipline may have backgrounds in one of the educational fields represented in the School of Education, Social Work, and Psychological Sciences, in one of the disciplines represented in the School of Humanities and Social Sciences, or in a professional field such as criminology, computer science or law. Students accepted with Curriculum and Instruction as their primary discipline would typically have prior academic training and experience in curriculum and instruction. Advisors would tend to be specialists in reading education, physical education, special education, educational psychology, mathematics education, science education or curriculum and instruction. The doctoral student in Curriculum and Instruction may be preparing for teaching and research in higher education, for a curricular or supervisory position in a public school district or for work in a government agency, private foundation or an educational training role in business and industry. Consequently, a single set of minimum standards cannot possibly fit all Ph.D. programs for which Curriculum and Instruction is the primary discipline or co-discipline. Instead, sensitivity to individual student needs and goals, as well as regard for the different approaches to doctoral study represented in the several fields within Curriculum and Instruction, require flexibility and diversity in program planning.

Within the context described, a minimum of 24 hours in Curriculum and Instruction is required of students with Curriculum and Instruction as their primary discipline and a minimum of 15 hours in Curriculum and Instruction is expected of students selecting Curriculum and Instruction as their co-discipline. In no case will a program be drawn up or approved that contains only coursework previously completed. Additional requirements may be set by the student's doctoral supervisory committee on the basis of the individual's program goals, previous academic preparation and relevant prior experiences.

Comprehensive Examination Requirements

(Written and Oral examinations required)

Last week of August, February, and October.