

CURRICULUM AND INSTRUCTION, MS: SCIENCE EDUCATION

The Department of Teaching and Learning offers a graduate program of study in curriculum and instruction, including choices of concentration in three Focus Areas: Subject Area, Instructional Level Area and Cross-Curricular Area.

The Department also cooperates with the Department of Administrative Leadership in the Specialist Certificate Program with an emphasis in reading. Under the auspices of the PhD program in Urban Education, the Department offers doctoral specializations in Curriculum and Instruction and in Mathematics Education.

Admission Requirements

Application Deadlines

Application deadlines vary by program, please review the application deadline chart (<http://uwm.edu/graduateschool/program-deadlines/>) for specific programs. Other important dates and deadlines can be found by using the One Stop calendars (<https://uwm.edu/onestop/dates-and-deadlines/>).

Admission

An applicant must meet Graduate School requirements to be considered for admission to the program.

Applicants may be admitted with specific program-defined course deficiencies provided that the deficiencies amount to no more than 6 credits.

The student is expected to satisfy deficiency requirements within three enrolled semesters. The deficiencies are monitored by the Graduate School and the individual graduate program unit. No course credits earned in making up deficiencies may be counted as program credits required for the degree.

Credits and Courses

The minimum degree requirement is 30 credits, including:

| Code | Title | Credits |
|--|--|--------------|
| Select 12 credits in Curriculum and Instruction core areas | | 12 |
| CURRINS 701 | Curriculum Planning and Ideologies | 3 |
| CURRINS 705 | Research in Schools and Communities | 3 |
| CURRINS 716 | Teaching in Urban & Diverse Communities | 1-4 |
| CURRINS 714 | Analysis of Instruction to Improve Teaching and Learning | 3 |
| or CURRINS 774 | College Teaching | |
| Select 12 to 15 credits in a focus area approved by the student's major professor | | 12-15 |
| <i>Select one of the following:</i> | | <i>3-6</i> |
| CURRINS 800 | Master's Seminar in Curriculum and Instruction (3 credits) | |

CURRINS 890 Master's Research or Thesis (3-6 credits)

Science Education Concentration

| Code | Title | Credits |
|-------------------------|---|---------|
| Required Courses | | |
| CURRINS 510 | Cooperative Strategies for Pre and Early Adolescents | 1-3 |
| CURRINS 518 | Science Methods I: Middle/Secondary Methods and Fieldwork | 3-6 |
| CURRINS 519 | Science Methods II: Middle/Secondary Methods and Fieldwork | 3-6 |
| CURRINS 545 | Reading in the Content Areas: Middle, Junior, and Senior High School | 3 |
| CURRINS 570 | Improving Science Teaching and Learning: | 1-3 |
| ED PSY 579 | Current Topics in Educational Psychology: | 1-3 |
| EXCEDUC 531 | Inclusion for Secondary Educators: Humanities, the Arts, Foreign Language | 3 |
| EXCEDUC 536 | Inclusion for Secondary Science and Math Educators | 1 |
| EXCEDUC 537 | Math and Science Methods for All Learners | 1 |

Additional Requirements

Major Professor as Advisor

The student must have a major professor to advise and supervise the student's studies as specified in Graduate School regulations. A student who is not assigned to an advisor at time of admission should immediately contact the department chair. Students who have not completed a Proposed Program of Study form with their advisor and filed it with the Department by the end of the semester in which they are admitted may not be allowed to register for the next term.

Certifications

Graduate students seeking initial teacher certification or added certification(s) can arrange their master's degree program so that a portion of the credits earned towards the master's degree can also serve as partial fulfillment of teacher certification requirements.