

CURRICULUM AND INSTRUCTION

Degree Requirements

Master of Education (M.Ed.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-700 Professional Degree Policies (<https://gradschool.psu.edu/graduate-education-policies/>).

M.Ed. students are expected to complete CI 590 as well as a core of one course in each of three areas:

Code	Title	Credits
Required Courses		
CI 590	Colloquium ¹	1
Select one course in each of the following three areas:		9
<i>Learning/Foundation</i>		
EDPSY 421	Learning Processes in Relation to Educational Practices	
EDPSY 526	The Psychology of Reading	
SCIED 552	Science Teaching and Learning	
CI 560	Theories of Childhood	
<i>Research</i>		
CI 400	Introduction to Research Literature	
CI 501	Teaching as Inquiry	
SCIED 558	Research Problems in Science Teaching	
STAT 500	Applied Statistics	
EDPSY 400	Introduction to Statistics in Educational Research	
<i>Curriculum</i>		
CI 550	Overview of Contemporary School Curriculum	
C-S 551	Curriculum Design: Theory and Practice	
SCIED 550	Science Education Curriculum	

¹ Through CI 590, students complete Scholarship and Academic Research Integrity (SARI) training.

M.Ed. candidates submit a professional master's culminating paper.

Master of Science (M.S.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-600 Research Degree Policies. (<https://gradschool.psu.edu/graduate-education-policies/>)

M.S. students are expected to complete CI 590 as well as a core of one course in each of three areas:

Code	Title	Credits
Required Courses		
CI 590	Colloquium ¹	1
Select one course in each of the following three areas:		9
<i>Learning/Foundation</i>		
EDPSY 421	Learning Processes in Relation to Educational Practices	
EDPSY 526	The Psychology of Reading	

SCIED 552	Science Teaching and Learning
CI 560	Theories of Childhood
<i>Research</i>	
CI 400	Introduction to Research Literature
CI 501	Teaching as Inquiry
SCIED 558	Research Problems in Science Teaching
STAT 500	Applied Statistics
EDPSY 400	Introduction to Statistics in Educational Research
<i>Curriculum</i>	
CI 550	Overview of Contemporary School Curriculum
C-S 551	Curriculum Design: Theory and Practice
SCIED 550	Science Education Curriculum

¹ Through CI 590, students complete Scholarship and Academic Research Integrity (SARI) training.

M.S. candidates are required to enroll in six credits of thesis research (CI 600 or CI 610) as they plan, conduct, and report a master's research thesis.

Doctor of Philosophy (Ph.D.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-600 Research Degree Policies. (<https://gradschool.psu.edu/graduate-education-policies/>)

The completion of a core of competencies in curriculum, instruction, and supervision with at least one course in each area is expected of Ph.D. candidates. Additional course requirements include courses in an emphasis area, in quantitative or qualitative research methods, and in supporting courses that extend or complement the emphasis area. Emphasis areas include:

- Curriculum and Supervision
- Early Childhood Education
- Language, Culture, and Society
- English Language Arts Education
- Second Language Education
- Social Studies Education
- Mathematics Education
- Science Education

All students complete Scholarship and Academic Research Integrity (SARI) training through CI 590. In addition, each student completes all Degree Requirements of the Ph.D. and produces and defends a doctoral dissertation.