**Curriculum Before**

Research Tools and Foundations (9 credits)

Choose one of the following:

CIED 5013 Measurement, Research and Statistical Concepts in the Schools

CIED 5273 Research in Curriculum and Instruction

CIED 5983 Practicum in Curriculum & Instruction

Choose one of the following:

ESRM 5393 Statistics in Education and Health Professions

ESRM 6533 Qualitative Research

Psycho-Sociological Foundations (6 credits)

CIED 5053 Multicultural Issues in Elementary Education 3

EDFD 5373 Psychological Foundations of Teaching and Learning 3

Pedagogical Foundations (6 credits)

ETEC 5303 Teaching with Technology in the K-12 Classroom 3

CATE 5543 Technology for Teaching and Learning 3

Interest Areas (All M.Ed. students must choose an interest area)(9 hours minimum)

Elementary Education

CIED 5173 Literacy Assessment and Intervention 3

CIED 5853 Issues in Mathematics Education 3

CIED 6343 Advanced Science Teaching Methods 3

Gifted Education (9 hours basic program or 18 hours with endorsement)

CIED 6073 Seminar in Developing Creativity 3

CIED 6143 Differentiated Instruction for Academically Diverse Learners 3

CIED 6163 Social and Emotional Components of Gifted and Talented Students 3

Note: Individuals with a valid teaching certificate may take the following three additional courses in this area to earn an endorsement in Gifted and Talented Education. Please see adviser regarding this option.

CIED 5803 Nature and Needs of the Gifted and Talented

CIED 5813 Curriculum Development in Gifted and Talented

CIED 5823 Gifted and Talented (Structured) Practicum

TESOL (9 hours basic or 12 hours with endorsement)

Choose three of the following:

CIED 5923 Second Language Acquisition 3

CIED 5933 Second Language Methodologies 3

CIED 5943 Teaching People of Other Cultures 3

CIED 5953 Second Language Assessment 3

Note: Individuals with a valid teaching certificate may take all four classes listed and earn an endorsement in English as a Second Language (ESL). Please see adviser regarding this option.

English Education

CIED 5843 Representations of American Education in Film 3

CIED 5983 Practicum in Curriculum & Instruction (Adolescent Literature) 3

ENGL 5973 Advanced Studies in Rhetoric and Composition 3

CIED 599V Special Topics (Issues and Trends in Literacy Education) 1-18

Science Education

CIED 6313 Issues, History, and Rationale of Science Education 3

CIED 6333 Nature of Science: Philosophy of Science for Science Educators 3

CIED 6343 Advanced Science Teaching Methods 3

Social Studies Education

Select a minimum of 9 credit hours of coursework in social studies education as approved by the advisory committee. 9

Integrated STEM Education

STEM 5033 Introduction to STEM Education 3

STEM 5023 Creativity and Innovation in STEM 3

STEM 5203 Problem-Based Mathematics 3

STEM 5213 Teaching Problem-Based Science in the Elementary Grades 3

Research Requirement for the M.Ed. Degree

Students are not required to complete a formal master's thesis but will take a class (such as CIED 5013 or CIED 5273) that provides an introduction to education research and then design and carry out an action research project in CIED 5983 Practicum in Curriculum & Instruction. Following this two-course sequence, students will defend their project as the comprehensive exam for the degree. This project will be assessed by a faculty panel which will include the adviser for the student's program and two other M.Ed. faculty members.

For students who have the experience and desire necessary to complete a formal thesis, this option exists. In such cases, students will form an advisory committee and then propose, write, and defend a thesis project. The successful defense of the thesis will represent the comprehensive exam for the M.Ed. degree. Students who choose the thesis option are not required to complete CIED 5013 or CIED 5273 or CIED 5983, but must take six hours of master's thesis credit (CIED 600V) in place of these two courses.

**After Curriculum**

Required Courses (33 hours)

Research Tools & Foundations (9 hours)

CIED 5273 Research in Curriculum and Instruction

ESRM 5393 Statistics in Education and Health Professions

CIED 5313 Qualitative Research in Curriculum & Instruction

Curriculum & Instruction Foundations (9 hours)

CIED 5423 Curriculum and Instruction: Models and Implementation

CIED 6133 Issues and Trends in Curriculum & Instruction

CIED 5983 Practicum in Curriculum & Instruction

Psycho-Sociological Foundations (6 hours)

EDFD 5373 Psychological Foundations of Teaching and Learning

CIED 6603 Research in Justice-Oriented & Multicultural Education

Interest Area (9 Credits)

Select a minimum of 9 credit hours of coursework as approved by the advisory committee.

* Elementary Education
* English Education
* Gifted Education
  + Note: Individuals with a valid teaching certificate may take 9 additional credits in Gifted Education to earn an endorsement in Gifted and Talented Education. Please see advisor regarding this option.
* STEM Education
* Science Education
* Social Studies Education
* TESOL
  + Note: Individuals with a valid teaching certificate may take 3 additional credits in TESOL to earn an endorsement in English as a Second Language (ESL). Please see advisor regarding this option.

Research Requirement for the M.Ed. Degree

Students are not required to complete a formal master's thesis but will design and carry out an action research project in CIED 5983 Practicum in Curriculum & Instruction. Students defend their project as the comprehensive exam for the degree. This project is assessed by the students advisory committee, which includes the student’s primary advisor and two other graduate faculty members.

For students who have the experience and desire necessary to complete a formal thesis, this option exists. In such cases, students propose, write, and defend a thesis project. The successful defense of the thesis will represent the comprehensive exam for the M.Ed. degree. Students who choose the thesis option are not required to complete CIED 5273 or CIED 5983 but must take six hours of master's thesis credit (CIED 600V) in place of these two courses.