



Science, Technology, Engineering and Mathematics (EDUTL-ES,)

Specialization leading to an Education Specialist in Teaching and Learning

Core Requirements (17 hours)

Teaching & Learning Required Courses (8 hours)

EDUTL 8003	Theorizing and Researching Teaching and Learning (4)
EDUTL 8015	Diversity and Equity in Education (4)

Multicultural Education and Diversity in Education Requirement (3 hours)

Alternative courses may be available, consult your advisor

EDUTL 6808	Multicultural and Global Perspectives on Teaching and Learning (3)
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Research Methods (6 hours)

More advanced courses may be taken, consult your advisor

ESQREM 6625	Introduction to Educational Research (3)
EDUTL 6052	Classroom-Based Inquiry: MA (3)

Specialization Requirements (15 hours)

Students must meet with a faculty advisor within the first two semesters to plan a program of study. With the approval of a faculty advisor and the Graduate Studies Committee, the program of study may deviate from the curriculum below depending on scholarly and research interests.

Required Courses (15 hours)

EDUTL 8711	Current Issues and Trends in STEM Education (3)
EDUTL 8721	Advanced Study of Thinking, Learning, and Assessment in Mathematics Education (3)
EDUTL 8731	Teaching and Teacher Education in STEM Education (3)
EDUTL 8741	History of Curriculum in STEM Education (3)
EDUTL 8751	Survey and Critical Analysis of Research in STEM Education (3)

Apprenticeship (3-6 hours)

Consult your faculty advisor

EDUTL 8998	Research Apprenticeship in Teaching and Learning (3-6)
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Applied Project (1-15 hours)

Consult your faculty advisor

EDUTL 8999	Research (1-15)
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Minimum hours
post MA/MS: 36

For More Information:
Office of Academic Services
Department of Teaching
and Learning
227 Arps Hall
1945 North High Street
Columbus, OH 43210
614-292-2332
Eductl-oas@osu.edu

Note: Students exact curriculum may vary depending upon program of study determined by student and advisor, and approved by the Graduate Studies Committee.