

REQUIREMENTS FOR THE MASTER OF EDUCATION
JEANNINE RAINBOLT COLLEGE OF EDUCATION
THE UNIVERSITY OF OKLAHOMA

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2024 through Spring 2025

General Requirements	
Minimum Total Hours (Thesis)	36
Minimum Total Hours (Non-Thesis)	36

Program
ILAC - Science, Tech., Engineering & Math (STEM) Education
M545 Q592
Master of Education

THESIS OPTION

Code	Title	Credit Hours
Core Courses		
<i>Studies in Teaching & Learning</i>		
Choose one course in teaching and learning ¹		3
<i>Studies in Cultural Diversity</i>		
Choose one course in cultural diversity ¹		3
<i>Research</i>		
Choose 6 hours in research ¹		6
<i>Research Synthesis</i>		
Choose one of the following:		2-3
EDUC 5980	Research for Master's Thesis	
Program Equivalent		
Concentration Emphasis		
EDSC 5513	Teaching Science in Secondary Schools	3
or EDMA 5243		
ILAC 5940	Field Studies in ILAC (Scientific, Mathematical & Engineering Methods, Inquiry & Authentic Teaching)	3
ILAC 5940	Field Studies in ILAC (Authentic Teaching and Learning of STEM)	3
Concentration Electives		
Choose 15 to 20 hours from the following or as approved by Graduate Liaison and Advisor:		15-20
EDSE 5653	Problems of Teaching in Secondary Schools	
EDSP 5413	Characteristics & Methods in Teaching Students with Exceptionalities	
EIPT 5183	Learning and Motivation	
EIPT 5513	Teaching with Technology	
ILAC 5940	Field Studies in ILAC (Historical Development of Science, Math & Epistemology)	
A maximum of one of the following:		
EDUC 5920	Internship in Education--Master's (Teaching Experience in Math)	
EDUC 5920	Internship in Education--Master's (Teaching Experience in Science)	
ENGR 4510	Selected Topics (G) (Teaching Experience in College or University)	
Total Credit Hours		38

¹ Chosen from from a list approved by the Graduate Liaison and Advisor, based on requirements of the specific area and student's professional interests and goals.

NON-THESIS OPTION

Code	Title	Credit Hours
Core Courses		
<i>Studies in Teaching & Learning</i>		
Choose one course in teaching and learning ¹		3
<i>Studies in Cultural Diversity</i>		
Choose one course in cultural diversity ¹		3
<i>Research</i>		
Choose 6 hours in research ¹		6
<i>Research Synthesis</i>		
Choose one of the following:		0-3
EDUC 6930	Intensive Studies in Education	
Portfolio/Special Project (0 credit hours)		
Concentration Emphasis		
EDSC 5513	Teaching Science in Secondary Schools	3
or EDMA 5243		
ILAC 5940	Field Studies in ILAC (Scientific, Mathematical & Engineering Methods, Inquiry & Authentic Teaching)	3
ILAC 5940	Field Studies in ILAC (Authentic Teaching and Learning of STEM)	3
Concentration Electives		

Choose 15 to 20 hours from the following or as approved by Graduate Liaison and Advisor: 15-20

EDSE 5653	Problems of Teaching in Secondary Schools
EDSP 5413	Characteristics & Methods in Teaching Students with Exceptionalities
EIPT 5183	Learning and Motivation
EIPT 5513	Teaching with Technology
ILAC 5940	Field Studies in ILAC (Historical Development of Science, Math & Epistemology)
A maximum of one of the following:	
EDUC 5920	Internship in Education--Master's (Teaching Experience in Math)
EDUC 5920	Internship in Education--Master's (Teaching Experience in Science)
ENGR 4510	Selected Topics (G) (Teaching Experience in College or University)
Total Credit Hours	36

¹ Chosen from from a list approved by the Graduate Liaison and Advisor, based on requirements of the specific area and student's professional interests and goals.

GENERAL REQUIREMENTS FOR ALL MASTER'S DEGREES

The master's degree requires the equivalent of *at least* two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master's degree must carry graduate credit.

Master's degree programs which require a thesis consist of *at least* 30 credit hours. All non-thesis master's degree programs require *at least* 30 credit hours.

Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may *not* be applied to the master's degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

Additional information for master's degree students may be found in the Graduate College Bulletin.

More information in the catalog: (<http://ou-public.courseleaf.com/rainbolt-education/instructional-leadership-academic-curriculum/ilac-science-technology-engineering-math-stem-education-master-education/>).