

# TEACHING, LEARNING AND LEADERSHIP: K-12 EDUCATION, MS

**Requirements for Students Matriculating in or before Academic Year 2023-2024.** Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

**Total Hours:** 36

Code	Title	Hours
<b>Common Core</b>		
CIED 5053	Curriculum Issues *	3
CIED 5813	Educational Advocacy and Leadership *	3
<b>Hours Subtotal</b>		<b>6</b>
<b>Research Requirement</b>		
Select one research course and ensure three courses found in the common or program core that are designated with an asterisk (*) are selected.		3
SCFD 5913	Introduction to Qualitative Inquiry (OR)	
REMS 5013	Research Design and Methodology (OR)	
CIED 5073	Pedagogical Research (OR)	
REMS 5953	Statistical Methods in Education	
<b>Hours Subtotal</b>		<b>3</b>
<b>Program Core</b>		
CIED 5043	Issues in Teaching *	3
Select 3 hours from the following:		3
CIED 5343	Introduction to K-12 English Language Learners	
CIED 5623	Multicultural and Diversity Issues in Curriculum *	
CIED 5663	Integrating Teaching in the Secondary School	
SMED 5183	Social Justice by the Numbers: Learning to Teach Science & Math for Understanding & Equity	
SPED 5993	Culturally Responsive Teaching in Special Education	
<b>Hours Subtotal</b>		<b>6</b>
<b>Areas of Emphasis</b>		
In consultation with an advisor, select 21 hours from the following:		21
CIED 5713	Teaching and Learning in the Secondary School	
CIED 5350	The Visual Arts in the Curriculum	
CIED 5153	Advanced Studies in Children's Literature	
CIED 5353	Literature for Children, Adolescents and Adults	
CIED 5443	Teaching Reading with Literature	
CIED 5513	Young Adult Literature	
CIED 5173	Kindergarten-Primary Curriculum	
CIED 5313	Curriculum of the Elementary School	
CIED 5123	Curriculum in the Secondary School	

CIED 5143	Language Arts in the Curriculum
CIED 5183	Media Literacy Across the Curriculum
CIED 5433	Reading and Writing in the Content Areas
CIED 5463	Practicum I: Literacy Assessment and Instruction
CIED 5473	Reading & Writing Difficulties
CIED 5483	Literacy and Technology Across the Curriculum
CIED 5553	Literacy Leadership and Coaching
CIED 5733	History of Reading
CIED 5843	First and Second Language Acquisition for Teachers
CIED 5863	Foreign Language Instruction, Curriculum and Assessment: Grades Pk-12
CIED 5423	Literacy Instruction in Primary Grades *
CIED 5523	Practicum II: Advanced Literacy Interventions
CIED 5493	Multisensory Phonics Instruction
SMED 5050	Seminar in Integrated Mathematics and Science Applications
SMED 5253	Teaching Rational Number Concepts, Proportional Reasoning, and Classroom Interactions *
SMED 5263	Assessment and Evaluation in School Mathematics *
SMED 5270	Practicum in School Mathematics
SMED 5273	Number Concepts and Assessment at the Elementary Level (PK-6)
SMED 5283	Problem-Centered Learning in Mathematics
SMED 5293	Teaching and Learning Mathematics in Technology *
SMED 5913	Teaching Geometry and Spatial Visualization
SMED 5923	Teaching Algebra and Mathematical Tasks
SMED 5933	Teaching Data and Probability in Schools
SMED 5943	Mathematics Leadership and Coaching
SMED 5203	Teaching the Nature of Science Through and Inquiry Approach
SMED 5713	Teaching and Learning Science in the Secondary School
SMED 5193	Inquiry and Problem-Based Learning in Science Education
SMED 5223	Teaching Science in the Schools
SMED 5050	Seminar in Integrated Mathematics and Science Applications
SMED 5243	Environmental Education in the Curriculum
SMED 5280	Workshop in Science Education
SMED 5313	Introduction to K-12 Engineering Education
SMED 5323	Technology for the K-12 STEM Educator
SMED 5333	Developing Informal and Formal STEM Programs in Schools
CIED 5323	Teaching Social Studies in the Schools
SPED 5623	Characteristics of Students with Mild/Moderate Disabilities

SPED 5743	Planning, Compliance and Current Practices	
SPED 5883	Classroom and Behavior Management	
SPED 5993	Culturally Responsive Teaching in Special Education	
CIED 5720	Education Workshop	
CIED 5730	Seminar in Education	
CIED 5373	Design and Management of the Elementary School Classroom	
CIED 5893	Reading Processes and Practices GR 1-8	
SMED 5013	Mathematics Education: Theory and Practice(Grade 1-4)	
SMED 5083	Teaching Science in the Elementary School (Grades 1-8)	
CIED 5333	Effective Classroom Management for Secondary Schools	
CIED 5363	Effective Teaching Strategies for the 6-12 Classroom	
CIED 5010	Practicum for Early Career Secondary Teachers	
CIED 5403	Teaching and Learning in the Secondary Schools: English Language Arts Methods	
CIED 5413	Teaching and Learning in the Secondary Schools: Social Studies Methods	
SMED 5153	Methods for Teaching Secondary Math	
SMED 5143	Methods for Teaching Secondary Science	
<b>Hours Subtotal</b>		<b>21</b>
<b>Total Hours</b>		<b>36</b>

## Graduate College Master's Program Requirements

Learn more about Graduate College 2023-2024 Master's Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.