# 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIED 5053</td>
<td>Curriculum Issues *</td>
<td>3</td>
</tr>
<tr>
<td>CIED 5813</td>
<td>Educational Advocacy and Leadership *</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Hours Subtotal</strong></td>
<td><strong>6</strong></td>
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## Research Requirement

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

**Hours Subtotal** 3

## Program Core

- CIED 5043  Issues in Teaching *

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

**Hours Subtotal** 6

## Areas of Emphasis

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

**Total Hours**: 36

**Graduate College Master's Program Requirements**

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