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

Requirements for Students Matriculating in or before Academic Year 2024-2025. 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>
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<tbody>
<tr>
<td>CIED 5053</td>
<td>Curriculum Issues *</td>
<td>3</td>
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<tr>
<td>CIED 5813</td>
<td>Educational Advocacy and Leadership *</td>
<td>3</td>
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<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.

- 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 *          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

**Hours Subtotal**: 6

Areas of Emphasis

In consultation with an advisor, select 21 hours from the following:

- 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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<th>Course Code</th>
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<tr>
<td>SPED 5743</td>
<td>Planning, Compliance and Current Practices</td>
</tr>
<tr>
<td>SPED 5883</td>
<td>Classroom and Behavior Management</td>
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<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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<tr>
<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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<td>CIED 5333</td>
<td>Effective Classroom Management for Secondary Schools</td>
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<tr>
<td>CIED 5363</td>
<td>Effective Teaching Strategies for the 6-12 Classroom</td>
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<tr>
<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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<tr>
<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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</tbody>
</table>

**Hours Subtotal**: 21

**Total Hours**: 36

**Graduate College Master's Program Requirements**

Learn more about Graduate College 2024-2025 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.