# TEACHING, LEARNING AND LEADERSHIP: ELEMENTARY/MIDDLE/SECONDARY ED/K-12 ED, MS

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college).

**Total Hours:** 36 Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<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>
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</table>

## Research Requirement

Select two courses; or 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:** 3-6

## Program Core

- CIED 5043 Issues in Teaching *                                    | 3     |
- Select 3 hours from the following:                                |       |
  - CIED 5623 Multicultural and Diversity Issues in Curriculum *     | 3     |
  - CIED 5663 Integrating Teaching in the Secondary School          |       |
  - SPED 5993 Culturally Responsive Teaching in Special Education   |       |

**Hours Subtotal:** 6

## Areas of Emphasis

In consultation with an adviser, select 18-21 hours from the following:

- CIED 4713 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 4313 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 5353 Literature for Children, Adolescents and Adults
- CIED 5433 Reading and Writing in the Content Areas
- CIED 5463 Reading 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 4813 Introduction to First and Second Language Acquisition for Teachers
- CIED 4823 Foreign Language Instruction, Curriculum, and Assessment: Grades PK-12
- CIED 5423 Literacy Instruction in Primary Grades *
- CIED 5523 Practicum in Reading Instruction
- CIED 5893 Reading Processes and Practices GR 1-8
- 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 4613 Teaching the Nature of Science Through an Inquiry Approach
- SMED 4713 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 4713 Teaching and Learning in the Secondary School
- CIED 5323 Teaching Social Studies in the Schools
- SPED 5623 Characteristics of Students with Mild/ Moderate Disabilities
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<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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<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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<tr>
<td>CIED 4362</td>
<td>Design and Management of the Elementary School Classroom</td>
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<td>CIED 5120</td>
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<td>SMED 5013</td>
<td>Mathematics Education: Theory and Practice (Grade 1-4)</td>
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<tr>
<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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<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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<tr>
<th>Hours Subtotal</th>
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<td>Total Hours</td>
<td>36</td>
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**General Graduate College Requirements**

- A minimum Grade-Point-Average of 3.00 is required
- A minimum Grade of "C" is required in all degree applicable courses
- No courses utilizing the Pass-No Pass grading system are permitted
- GRAD 5082 or GRAD 5092 may not be used to meet degree requirements

**Additional Graduate College Masters Degree Requirements**

**Plan I (coursework with thesis)**

- A minimum of 30 credit hours
  - A minimum of 24 coursework credit hours comprised of:
    - 6 research or creative component credit hours
    - 21 in-residence credit hours (maximum of 9 transfer hours with "B" or better)
    - 21 credit hours at 5000- or 6000-level

**Plan II (coursework without thesis)**

- A minimum of 32 credit hours
  - A maximum of 3 credit hours of research or creative component
  - A minimum of 23 in-residence credit hours (maximum of 9 transfer credit hours with "B" or better)
  - A minimum of 21 credit hours at the 5000- or 6000-level