SECONDARY EDUCATION, MASTER OF EDUCATION

This program leads to the T-5 certification in mathematics education (6-12), English education (6-12), and science education (6-12). This program also provides knowledge and skills for teachers to serve in leadership roles in curriculum development, supervision and research in the fields of Secondary Education.

The purpose of the M.Ed. Secondary Education is to promote leadership for all populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for all populations. All classes implement the Department of Teacher Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner. Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives of the Program

The basic objective of the Master’s of Education program in Secondary Education is to provide teachers with the opportunity to:

1. Compare their teaching practices with current research based practices and make changes where necessary;
2. Extend their knowledge and skills in a chosen area of educational interest;
3. Present intellectually challenging thoughts and practices to students;
4. Integrate new materials and methods of teaching into students’ teaching repertoire;
5. Encourage interest in conducting research;
6. Increase competencies in research techniques; and
7. Increase students’ ability to recognize relevant research, which they can use to become more effective in their classrooms.

Comprehensive Examination

In partial fulfillment of the M.Ed. in Secondary Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than “B” in Area C of the program. Students may not take the comprehensive examination more than once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

The purpose of the comprehensive examination is to assess the student’s knowledge of learning experiences that have been introduced in the M.Ed. degree in Secondary Education program. The exam will address specific objectives from the secondary curriculum and the content concentration.

Admission to the Program

Admission to the Secondary Education Program requires an undergraduate degree in one of the areas, or the equivalent, from an accredited college, and satisfactory scores on the Graduate Record Examination or Miller Analogies Test. When students lack a sufficient background in Secondary Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Secondary Education. Students are also governed by the general admission procedures and requirements for the M.Ed. degree program, and they may matriculate in the Secondary Education program under the same categories of admission.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>AREA A: Nature of the Learner and Behavior (minimum 3 hrs)</td>
<td>3</td>
<td></td>
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<tr>
<td>SPED 5501</td>
<td>Exceptional Child</td>
<td></td>
</tr>
<tr>
<td>SPED 5542</td>
<td>Behavior Modification for Special Education Students</td>
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<tr>
<td>PSYC 5515</td>
<td>Educational Psychology</td>
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<td>AREA B: Programs and Problems of the School (minimum 3 hrs)</td>
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<tr>
<td>EDUC 5504</td>
<td>History of Education</td>
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<tr>
<td>EDUC 5509</td>
<td>Philosophy of Education</td>
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<tr>
<td>EDUC 5540</td>
<td>Curriculum Principles</td>
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<td>AREA C: Teaching Field</td>
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<tr>
<td>EDUC 5199</td>
<td>Orientation to Adv Prof Educ (Required courses that may be taken before or after program admission)</td>
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Select 18 hours from one of the three broadfield concentrations:

English Broadfield Concentration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENGL 5304</td>
<td>History of the English Language (Formerly ENGL 5504)</td>
</tr>
<tr>
<td>ENGL 5500</td>
<td>Bibliography and Research Methods</td>
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<tr>
<td>ENGL 5615</td>
<td>Adv Exposition</td>
</tr>
<tr>
<td>ENGL 5600</td>
<td>Shakespeare</td>
</tr>
<tr>
<td>ENGL 5606</td>
<td>Medieval Literature (Formerly ENGL CHAUCER)</td>
</tr>
<tr>
<td>ENGL 5609</td>
<td>Introduction to Linguistics</td>
</tr>
<tr>
<td>ENGL 5612</td>
<td>Advanced Grammar and Syntax</td>
</tr>
<tr>
<td>ENGL 5621</td>
<td>Literature of the Sixteenth and Seventeenth Centuries (Formerly Old English Literature)</td>
</tr>
<tr>
<td>ENGL 5632</td>
<td>Restoration/18th Century Lit</td>
</tr>
<tr>
<td>ENGL 5641</td>
<td>Romanticism</td>
</tr>
<tr>
<td>ENGL 5650</td>
<td>Modern Drama</td>
</tr>
<tr>
<td>ENGL 5652</td>
<td>Victorian Literature</td>
</tr>
<tr>
<td>ENGL 5670</td>
<td>Modern British Literature</td>
</tr>
<tr>
<td>ENGL 5681</td>
<td>Early American Literature</td>
</tr>
<tr>
<td>ENGL 5683</td>
<td>American Romanticism</td>
</tr>
<tr>
<td>ENGL 5684</td>
<td>American Realism and Naturalism</td>
</tr>
<tr>
<td>ENGL 5685</td>
<td>Southern Literature</td>
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<tr>
<td>ENGL 5686</td>
<td>Modern American Literature</td>
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<tr>
<td>ENGL 5690</td>
<td>African American Literature</td>
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<tr>
<td>ENGL 5696</td>
<td>Contemporary Literature</td>
</tr>
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<td>ENGL 5792</td>
<td>African American Novel</td>
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<td>ENGL 5794</td>
<td>African American Drama</td>
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<tr>
<td>ENGL 5908</td>
<td>Literary Criticism</td>
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Science Education Broadfield Concentration

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>EDUC 5570</td>
<td>Strategies of Instruction in Science</td>
</tr>
<tr>
<td>BIOL 5501</td>
<td>Selected Topics in Botany</td>
</tr>
<tr>
<td>BIOL 5502</td>
<td>Selected Topics in Zoology</td>
</tr>
<tr>
<td>BIOL 5504</td>
<td>Ecology</td>
</tr>
<tr>
<td>BIOL 5506</td>
<td>Genetics</td>
</tr>
<tr>
<td>BIOL 5514</td>
<td>Biology Chemistry</td>
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</table>
### Secondary Education, Master of Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ISCI 5515</td>
<td>Selected Topics in Biology</td>
</tr>
<tr>
<td>or BIOL 5515 Selected Topics in Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 5519</td>
<td>Plant Biology</td>
</tr>
<tr>
<td>ISCI 5500</td>
<td>Integrated Earth Science</td>
</tr>
<tr>
<td>ISCI 5501</td>
<td>Integrated Found of Phys Sci</td>
</tr>
<tr>
<td>or BIOL 5515 Selected Topics in Biology</td>
<td></td>
</tr>
<tr>
<td>ISCI 5530</td>
<td>Integrated Physical Science I</td>
</tr>
<tr>
<td>ISCI 5531</td>
<td>Integrated Physical Science II</td>
</tr>
<tr>
<td>ISCI 5564</td>
<td>Integrated Science Concepts</td>
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</table>

**Secondary Mathematics Broadfield Concentration**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MATH 5112</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MATH 5113</td>
<td>Modern Algebra I &amp; II</td>
</tr>
<tr>
<td>MATH 5211</td>
<td>Fundamental Concept of Analysis I</td>
</tr>
<tr>
<td>MATH 5214</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>MATH 5311</td>
<td>Geometry of Teachers***</td>
</tr>
<tr>
<td>EDUC 5531</td>
<td>Mathematics Concepts in Secondary Schools</td>
</tr>
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</table>

**AREA D: Action Research and Statistics (minimum 3 hrs)** 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EDUC 5500</td>
<td>Educational Statistics</td>
</tr>
<tr>
<td>EDUC 5502</td>
<td>Action/Classroom Research</td>
</tr>
<tr>
<td>EDUC 5592</td>
<td>Applied Research in Teacher Education</td>
</tr>
</tbody>
</table>

**AREA E: Related Areas (9 hrs)** 9

**English Broadfield Concentration Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EDUC 5515</td>
<td>Adolescent Literature</td>
</tr>
<tr>
<td>EDUC 5524</td>
<td>Method and Materials in Teaching English</td>
</tr>
<tr>
<td>EDUC 5528</td>
<td>Teaching Composition in Secondary Schools</td>
</tr>
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**Science Education Broadfield Concentration Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SPED 5501</td>
<td>Exceptional Child 1</td>
</tr>
<tr>
<td></td>
<td>6 additional hours to be chosen with advisor</td>
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**Science Education Broadfield Concentration Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MATH 5202</td>
<td>Technology-Oriented Mathematics</td>
</tr>
<tr>
<td>MATH 5412</td>
<td>Methods of Statistical Analysis</td>
</tr>
<tr>
<td>MATH 5511</td>
<td>History of Mathematics</td>
</tr>
</tbody>
</table>

**Total Semester Hours** 36

1. Required course if not previously taken
2. Required
3. Prerequisite for EDUC 5502