

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.

Code	Title	Semester Hours
AREA A: Nature of the Learner and Behavior (minimum 3 hrs)		3
SPED 5501	Exceptional Child ¹	
SPED 5542	Behavior Modification for Special Education Students	
PSYC 5515	Educational Psychology	
AREA B: Programs and Problems of the School (minimum 3 hrs)		3
EDUC 5504	History of Education	
EDUC 5509	Philosophy of Education	
EDUC 5540	Curriculum Principles	
AREA C: Teaching Field		18
EDUC 5199	Orientation to Adv Prof Educ ((Required courses that may be taken before or after program admission)) ²	0
Selecte 18 hours from one of the three broadfield concentrations:		
English, Science Education, Secondary Mathematics		
<i>English Broadfield Concentration</i>		
ENGL 5304	History of the English Language (Formerly ENGL 5504) ¹	
ENGL 5500	Bibliography and Research Methods ²	
ENGL 5615	Adv Exposition	
ENGL 5600	Shakespeare	
ENGL 5606	Medieval Literature (Formerly ENGL CHAUCER)	
ENGL 5609	Introduction to Linguistics	
ENGL 5612	Advanced Grammar and Syntax	
ENGL 5621	Literature of the Sixteenth and Seventeenth Centuries (Formerly Old English Literature)	
ENGL 5632	Restoration/18th Century Lit	
ENGL 5641	Romanticism	
ENGL 5650	Modern Drama	
ENGL 5652	Victorian Literature	
ENGL 5670	Modern British Literature	
ENGL 5681	Early American Literature	
ENGL 5683	American Romanticism	
ENGL 5684	American Realism and Naturalism	
ENGL 5685	Southern Literature	
ENGL 5686	Modern American Literature	
ENGL 5690	African American Literature	
ENGL 5696	Contemporary Literature ²	
ENGL 5792	African American Novel	
ENGL 5794	African American Drama	
ENGL 5908	Literary Criticism ¹	
<i>Science Education Broadfield Concentration</i>		
EDUC 5570	Strategies of Instruction in Science	
BIOL 5501	Selected Topics in Botany	
BIOL 5502	Selected Topics in Zoology	
BIOL 5504	Ecology	
BIOL 5506	Genetics	
BIOL 5514	Biology Chemistry	

ISCI 5515	Selected Topics in Biology or BIOL 5515 Selected Topics in Biology	
BIOL 5519	Plant Biology	
ISCI 5500	Integrated Earth Science	
ISCI 5501	Integrated Found of Phys Scien or BIOL 5515 Selected Topics in Biology	
ISCI 5530	Integrated Physical Science I	
ISCI 5531	Integrated Physical Science II	
ISCI 5564	Integrates Science Concepts	
<i>Secondary Mathematics Broadfield Concentration</i>		
MATH 5112	Linear Algebra	
MATH 5113	Modern Algebra I & II	
MATH 5211	Fundamental Concept of Analysis I	
MATH 5214	Differential Equations	
MATH 5311	Geometry of Teachers***	
EDUC 5531	Mathematics Concepts in Secondary Schools	
AREA D: Action Research and Statistics (minimum 3 hrs)		3
EDUC 5500	Educational Statistics	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	
AREA E: Related Areas (9 hrs)		9
<i>English Broadfield Concentration Requirements</i>		
EDUC 5515	Adolescent Literature	
EDUC 5524	Method and Materials in Teaching English	
EDUC 5528	Teaching Composition in Secondary Schools	
<i>Science Education Broadfield Concentration Requirements</i>		
SPED 5501	Exceptional Child ¹	
6 additional hours to be chosen with advisor		
<i>Science Education Broadfield Concentration Requirements</i>		
MATH 5202	Technology -Oriented Mathematics	
MATH 5412	Methods of Statistical Analysis	
MATH 5511	History of Mathematics	
Total Semester Hours		36

¹ Required course if not previously taken

² Required

³ Prerequisite for EDUC 5502