

# Middle and Secondary Education (MSED)

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## **MSED 5100. Mathematics Methods for Middle Grades or Secondary Education. 3 Hours.**

Co-requisite: MSED 6100. An examination of teaching methods in middle grades (4th – 8th) and secondary (6th – 12th) mathematics, emphasizing the links between research and the methods for teaching concepts, skills, and relationships in middle grades and secondary mathematics in accordance with national and state standards. A field experience is required.

## **MSED 5200. Science Methods for Middle Grades or Secondary Education. 3 Hours.**

Co-requisite: MSED 6100. An examination of teaching methods in middle grades (4th – 8th) and secondary (6th – 12th) science, emphasizing the links between research and the methods for teaching middle grades and secondary science in accordance with national and state standards. The focus of the course is on processes of scientific inquiry. A field experience is required.

## **MSED 5300. Social Science Methods for Middle Grades or Secondary Education. 3 Hours.**

Co-requisite: MSED 6100. An examination of teaching methods in middle grades (4th – 8th) social studies and secondary (6th – 12th) social sciences, emphasizing the links between research and the methods for teaching middle grades social studies and secondary social sciences in accordance with national and state standards. The focus of the course is on social inquiry. A field experience is required.

## **MSED 5400. English/Language Arts Methods for Middle Grades or Secondary Education. 3 Hours.**

Co-requisite: MSED 6100. An examination of teaching methods in middle grades (4th – 8th) language arts and secondary (6th – 12th) English, emphasizing the links between research and the methods for teaching middle grades and secondary reading in accordance with national and state standards. The focus of the course is on linguistic and communicative competence. A field experience is required.

## **MSED 5500. Methods of Teaching Reading for Middle Grades or Secondary Education. 3 Hours.**

Prerequisites: Appropriate 2999 course. Co-requisite: MSED 6100. An examination of teaching methods in middle grades (4th – 8th) and secondary (6th – 12th) reading, emphasizing the links between research and the methods for teaching in accordance with national and state standards. The focus of the course is on strategy instruction and expository text structures. Field experience required.

## **MSED 5600. Content Teaching Methods of Middle Grades or Secondary Education. 3 Hours.**

Co-requisite: MSED 6100. An examination of teaching methods in middle grades (4th – 8th) and secondary (6th – 12th) education, emphasizing the links between research and a variety of teaching methods and best practice in accordance with national and state standards. Field experience required.

## **MSED 5700. Agriculture Education Methods. 3 Hours.**

Prerequisites: Appropriate 2999 course; Co-requisite: MSED 6100. An examination of agriculture education teaching methods in middle grades and secondary education (6th-12th) in accordance with national and state standards. A field experience is required.

## **MSED 5840. Teaching Context for Career, Technical, and Agricultural Educators. 3 Hours.**

Prerequisite: EDUC 2999. Pre- or Corequisite: MSED 6020 or 6200. The communication of the work in the MAT program. Candidates integrate major philosophical and theoretical fields of thought in education, make connections between their clinical experiences and coursework, and develop a professional approach to education as a new teacher.

## **MSED 6000. Written and Verbal Communication for Teachers. 3 Hours.**

Practice and application of techniques in verbal and written communication specifically for the middle and secondary classroom. The use of standardized English will be emphasized in speaking, reading, writing, and listening.

## **MSED 6004. Content Area Literacy for Middle and Secondary Teachers. 3 Hours.**

An examination of concepts and theories of literacy, together with methods for reading and writing across content areas to meet the needs of a diverse student population. The utilization of digital technology to design meaningful and engaging learning tasks for middle and secondary students will be emphasized.

## **MSED 6005. Educational Philosophy, Law and Ethics. 3 Hours.**

Advanced study of philosophies, current issues, ethics and law related to American public education, including major policies and court cases, educator codes of ethics; major philosophies and theories of learning in education; and the impact of social, political and economic issues on contemporary public education.

## **MSED 6010. Employed Teacher Track Internship 1. 3 Hours.**

Graded "Satisfactory" or "Unsatisfactory". Intended for MAT candidates who have secured employment on a nonrenewable certificate by a school system. The first of two semester-long internships completed in a middle or secondary school classroom in which the candidate is supervised by a university faculty member, and is fully engaged in the processes of planning, instruction, and assessment. On-campus seminar meetings will occur throughout the semester.

## **MSED 6020. Employed Teacher Track Internship 2. 5 Hours.**

Corequisite: MSED 6021. Graded "Satisfactory" or "Unsatisfactory". Intended for MAT candidates who have secured employment on a nonrenewable certificate by a school system. The culminating semester-long internship completed in a middle or secondary school classroom in which the candidate is supervised by a university faculty member, and is fully engaged in the processes of planning, instruction, and assessment. On-campus seminar meetings will occur throughout the semester.

**MSED 6021. Clinical Seminar Employed Teacher Track. 1 Hour.**

Corequisite: MSED 6020. Graded "Satisfactory" or "Unsatisfactory". Clinical Seminar accompanies the Teaching Internship II clinical experience course. This one-credit hour seminar course involves teacher candidates finalizing all work samples, state assessment requirements and associated documentation.

**MSED 6100. Apprenticeship in Teaching. 3 Hours.**

Corequisite: MSED 5100, MSED 5200, MSED 5300, MSED 5400, or MSED 5500. The final field experience prior to student teaching. Candidates are placed with a content-area mentor teacher in a middle or secondary school daily for a four-week period as one part of their field experience, and in a different setting within their certification grade band for two days per week for ten weeks as a second part of their field experience. A university supervisor will observe and provide additional support. Candidates must successfully complete the apprenticeship experiences in order to be admitted to student teaching. On-campus seminar meetings will occur throughout the semester.

**MSED 6200. Student Teaching. 5 Hours.**

Corequisite: MSED 6201. The culminating clinical field experience for teaching candidates. Candidates are placed under the immediate supervision of a mentor teacher and, with additional support provided by a university supervisor, are fully engaged in the processes of planning, instruction, and assessment. On-campus seminar meetings will occur throughout the semester.

**MSED 6201. Clinical Seminar Full-time Student Track. 1 Hour.**

Corequisite: MSED 6200. Graded "Satisfactory" or "Unsatisfactory". Clinical seminar accompanies the Student Teaching clinical experience course. The one credit hour seminar course involves teacher candidates finalizing all work samples, state assessment requirements, and associated documentation.

**MSED 7000. Professional Development Seminar I. 3 Hours.**

The self-assessment of individual student understanding and application of master teacher outcomes. Provides the basis for an individual program of study based upon individuals needs.

**MSED 7001. Planning for Teaching. 3 Hours.**

Prerequisite: MGED 2999 or SEED 2999 and completion of content major courses. Co-requisite: MSED 7002. Foundation for preparation for teaching and learning. The focus is on designing lessons and assessments, classroom management, effective teachers, and exceptional children. Field experience required.

**MSED 7002. Content Methods. 3 Hours.**

Prerequisite: Completion of content major courses. Corequisite: MSED 7001. Provides the foundation for the development of a variety of teaching methods appropriate for middle and secondary education. Focus is on the organization and structuring of content for instruction. Forty hours of field experience required.

**MSED 7003. Middle and Secondary School Experiences. 3 Hours.**

Prerequisite: Completion of content major courses, MSED 7001, and MSED 7002. Nature and needs of the middle grades and secondary students and how contextual factors impact their development and academic success. Focus is on understanding young adults as learners, diversity in the classroom and community, individual learning styles and special needs of exceptional children. Forty hours of field experience required.

**MSED 7004. Reading and Writing for Diverse Populations, 4-12. 3 Hours.**

Prerequisite: Completion of content major courses, MSED 7001, MSED 7002 and MSED 7003. An examination of current research relevant to teaching and evaluation of reading and writing in a school environment. Motivating students to read widely and developing vocabulary, reading comprehension and study skills will be addressed in relation to the school curriculum. Forty hours of field experience required.

**MSED 7005. Teaching Internship I. 3 Hours.**

Prerequisite: Completion of content major courses, MSED 7001, and MSED 7002, consent of department head, and employment on a nonrenewable certificate by a school system. The first of two semester long internships completed in a school classroom.

**MSED 7006. Teaching Internship II. 3 Hours.**

Prerequisite: Completion of content major courses, MSED 7001, MSED 7002, MSED 7003, MSED 7005 and consent of department. The second of a two semester long internship completed in a public school classroom.

**MSED 7010. Current Issues and Trends in MSED. 3 Hours.**

Prerequisite: MSED 7000. Advanced study of issues and trends in middle grades and secondary education.

**MSED 7020. Curriculum in Middle Grades and Secondary Education. 2 Hours.**

Co-requisite: MSED 7021. Review current status and trends in middle grades and secondary curriculums. Analysis of middle grades and secondary curriculums and their unique construction, planning, and application.

**MSED 7021. Apprenticeship in Teaching. 1 Hour.**

Co-requisite: MSED 7020. Supervised apprenticeship in appropriate educational setting for certification requirements for MAT degree program.

**MSED 7040. Evaluation and Assessment. 1 Hour.**

Co-requisite: MSED 7041. Focuses primarily on the basic concepts, methods, and tools of assessment or evaluation. It is designed so professional educators can combine their initial experience and understanding of students with information regarding past performance to assess students' abilities.

**MSED 7041. Teaching Internship. 2 Hours.**

Co-requisite: MSED 7040. Graded "Satisfactory" or "Unsatisfactory". Supervised teaching internship in an appropriate educational setting for certification requirements for MAT degree program.

**MSED 7650. Teaching Practicum. 2-3 Hours.**

Prerequisite: MSED 7000.

**MSED 7800. Professional Development Seminar II. 3 Hours.**

Prerequisites: MSED 7000, 7010, and 7650. Capstone course to be taken within last two semesters of program of study. Analysis of an individual's teaching plan in relationship to National Board Standards, master's program outcomes, and school improvement plans.

**MSED 8000. Special Topics in Middle Grades and Secondary Education. 2-3 Hours.**

Studies of selected topics in middle grades and secondary education. No more than two special topics courses may be used in a six year program.