

MSED Middle Grades & Second Ed

MSED 5333 Literature and Writing for the Middle and Secondary Schools

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

An intensive study of instructional strategies appropriate for integrating literature and writing instruction. Special attention will be given to identifying and accommodating reading and writing needs of diverse adolescent learners, as well as evaluating the effectiveness of instruction. Students will learn to develop cross-curricular instruction, diagnose reading problems, provide individualization feedback, as well as employ appropriate intervention and assessment methods.

Cross Listing(s): MSED 5333G. **Corequisite(s):** MGED 3131.

MSED 5333G Literature and Writing for the Middle and Secondary Schools

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

An intensive study of instructional strategies appropriate for integrating literature and writing instruction. Special attention will be given to identifying and accommodating reading and writing needs of diverse adolescent learners, as well as evaluating the effectiveness of instruction. Students will learn to develop cross-curricular instruction, diagnose reading problems, provide individualization feedback, as well as employ appropriate intervention and assessment methods. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. **Cross Listing(s):** MSED 5333.

MSED 6120 Introduction to the Middle and Secondary School

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course examines the curriculum, instruction, and organization of middle and secondary schools. It provides substantial knowledge of the nature and needs of adolescent learners as well as curriculum planning and instruction. **Corequisite(s):** MSED 6122 and MSED 6123.

MSED 6122 Curriculum and Instruction

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course examines instructional design for middle and secondary schools. It examines classroom practice and provides substantial knowledge of unit and lesson design.

Corequisite(s): MSED 6120 and MSED 6123.

MSED 6123 Middle and Secondary School Practicum

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

A supervised introductory teaching experience in grades 4-12. Candidates will observe, assist, plan, and teach in the specific teaching field and grade level for which they are being certified. Emphasis is placed on observation and participation in various aspects of classroom life and the unique needs of adolescent learners. In addition, candidates will plan with the classroom teacher and teach introductory lessons in content area. **Corequisite(s):** MSED 6120 and MSED 6122.

MSED 6131 Curriculum and Instruction II

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course is designed to assist teacher candidates in understanding curriculum design, instructional planning and teaching practices in the middle and secondary school and in reflecting on best practices in middle and secondary instruction. Emphasis is placed on planning, presentation, and assessment skills, as well as developing strategies for working with the diverse student populations present in schools. Candidates will design an instructional unit that demonstrates effective instructional strategies, appropriate content, multiple assessments of student learning, and a range of learning resources, including technology.

Cross Listing(s): SCED 6131.

MSED 6237 Science Methods

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course is designed to assist students in understanding the purpose of science in the middle and secondary school curricula and becoming familiar with the trends in science instruction. Skills are developed in using classroom laboratory and field trip experiences in planning and evaluating science instruction. Major emphasis is placed on planning and presentation skills and on developing strategies to facilitate working with the diverse student populations present in the public schools.

Prerequisite(s): A minimum grade of "C" in MSED 6120.

MSED 6330 Instructional Assessment for Diverse Learners

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

A graduate level examination of roles, tools, and approaches of assessment including planning and implementing standards based assessment; measuring and evaluating instructional impact on student learning; and interpreting and communicating national and state standardized test data.

MSED 6337 Language Arts Methods

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

A study of methods and materials appropriate in teaching composition, literature, and oral expression in the middle and secondary school language arts/English program. Emphasis will be placed on the writing process, teaching grammar through writing, and literature for grades 4-12. **Prerequisite(s):** A minimum grade of "C" in MSED 6120; admission to Teacher Education Program.

MSED 6437 Social Science Methods

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

A study of the social sciences in the middle and secondary schools. Emphasis is placed on instructional planning for diverse classrooms; assessment of student learning; the use of multiple resources, including technology; and an application of the NCSS standards in the middle and secondary social science curriculum.

Prerequisite(s): A minimum grade of "C" in MSED 6120; admission to Teacher Education Program.

MSED 6537 Mathematics Methods

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

A study of teaching methods and materials, curriculum content, assessment and trends in middle and secondary school mathematics. Emphasis is placed on instructional planning for diverse classrooms; assessment of student learning; the use of multiple resources, including technology; and application of NCTM standards in the middle and secondary mathematics curriculum. **Prerequisite(s):** A minimum grade of "C" in MSED 6120; admission to Teacher Education Program.

MSED 6637 Business Education Methods

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

A study of teaching methods and materials, curriculum content, and trends in teaching Business Education in the middle and secondary schools. The course also includes a study of vocational education programs. Emphasis is placed on instructional planning for diverse classrooms; assessment of student learning; the use of multiple resources, including technology; and an application of the national business education standards.

Prerequisite(s): A minimum grade of "C" in MSED 6120; admission to Teacher Education Program.

MSED 6737 Family and Consumer Sciences Methods

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course assists students in understanding the purpose of family and consumer sciences programs in the secondary school curriculum and in becoming familiar with the trends in family and consumer sciences instruction. Students will develop skills in planning and evaluating family and consumer sciences instruction using the classroom as a laboratory. Major emphasis is placed on planning and presentation skills and on developing strategies to facilitate learning of diverse student populations in the public schools. **Prerequisite(s):** Admission to Teacher Education Program.

MSED 7130 Middle and Secondary School Colloquium**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

In the M.A.T. colloquium course, students will analyze issues related to diverse school populations, classroom and behavior management, technology integration, school governance and teacher leadership, professional performance assessments, educational law, and ethics and professionalism in teaching. Prerequisite(s): Admission to student teaching or supervised teaching.

Corequisite(s): SCED 5799G, MGED 5799G, or ESED 6799.

MSED 7132 Assessment of Student Learning**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course will emphasize a study of formal and informal assessments in order to maximize student learning. Emphasis is placed on strategies for collecting, analyzing, and using student performance data to modify instruction and increase student learning for all students.

Prerequisite(s): A minimum grade of "C" in MGED 6131 or SCED 6131.

MSED 7231 Hands-On Science for the Middle and Secondary Schools**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Designed to introduce and promote the use of curricula, resources, and activities, which emphasize the use of hands-on/inquiry science appropriate for middle and secondary schools. The course focuses on: the development of hand-on and interdisciplinary science curricula; research relative to the use of inquiry-based science; classroom implementation of science programs; and the development of process and inquiry skills. Emphasis will be placed on addressing local needs and resources in the area of science instruction. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field: biology, broad fields science, chemistry, physics, or middle grades science.

MSED 7232 Teaching the Great Ideas in Science**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course is designed to enhance students' understanding of the "Great Scientific Premises" that undergird and integrate the science disciplines. Emphasis is placed on hands-on interaction with scientific principles and materials that will enhance the capacity of teachers to support their students' construction of scientific understanding. The course uses the ideas and experiences of both classical and/or contemporary scientists to engage teachers in a reflective opportunity to gain an appreciation of the rich extent of the history and nature of the scientific enterprise and to prepare them to help their students "make sense" of the science they are expected to learn. It is also designed in a way to engage teachers with the National Science Standards as they explore the science that is necessary to be a scientifically literate citizen of the United States. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field: biology, broad fields science, chemistry, physics, or middle grades science.

MSED 7331 Early Adolescent Literature**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

A study of pedagogical theory and practices for integrating contemporary early adolescent/young adult literature into the middle and secondary school curriculum. Course content will focus on making text selections, workshop approaches, literary circles, and reader response theory. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

Cross Listing(s): FRMS 7331.

MSED 7333 Writing Instruction for the Middle and Secondary Schools**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Examines current research in the teaching of writing. Emphasis will be placed on a study of instructional strategies for prewriting, composing, revising, and editing. The course also examines models for integrating writing across subject areas in the middle and secondary schools. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

MSED 7431 Teaching Geography in the Middle and Secondary Schools**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course is designed to assist social studies teachers implement the National Geographic Standards. These standards identify what every public school student should learn. The course will emphasize the benchmarks that have been adopted in order to assist teachers and curriculum specialists develop guidelines for their own classrooms and school systems.

MSED 7432 Teaching Social Studies in the Middle and Secondary Schools**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

A study of the place of social education in middle and secondary schools. In a seminar setting, students will analyze problems challenging middle and secondary school social studies educators including the knowledge base of social science education, teaching for active and responsible citizenship, making curricular choices, selecting appropriate instructional techniques, and assessing current trends in middle and secondary school social studies education. Candidates must tailor the course assignments and experiences to their specific grade levels and certification/content field: economics, geography, history, political science, or middle grades social studies.

MSED 7433 Teaching Business Education in the Secondary Schools**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Students will examine current trends, issues, and research related to teaching Business Education in the secondary schools. Emphasis is placed on state and national business education standards, instructional strategies, assessments, and resources that have an impact on student learning. Candidates will examine, analyze, and reflect on current problems challenging business education teachers in the secondary schools.

MSED 7535 Teaching Middle Grades and Secondary Mathematics**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

An in-depth study of current content standards, methods and assessment strategies for teaching middle grades and secondary mathematics. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

MSED 7635 MAT Seminar in Middle Grades and Secondary Education**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course is a seminar for the MAT in Middle Grades Education and Secondary Education programs. Emphasis is placed on a study of the historical and contemporary research, instruction, and recommended practices for effective middle and secondary schools. Current trends and issues in middle grades and secondary education will be examined. A classroom action research project is included. Prerequisite(s): A minimum grade of "C" in MGED 6131 or SCED 6131, and a methods course with a minimum grade of "C".

Corequisite(s): Enrolled in MGED 5799G, or SCED 5799G, or MGED 6799, or SCED 6799.

MSED 7639 MED Seminar in Middle Grades and Secondary Education**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course is a seminar for the MEd in Middle Grades Education and Secondary Education programs. Emphasis is placed on a study of the historical and contemporary research, instruction, and recommended practices for effective middle and secondary schools. Current trends and issues in middle grades and secondary education will be examined. A classroom action research project is included. Prerequisite(s): A minimum grade of "C" in EDUR 7130 and MSED 8333 or MSED 8331, and an advanced pedagogy course in one's certified concentration area with a minimum grade of "C"; MEd in Middle Grades candidates must have completed MGED 8131 and MGED 8132 with a minimum grade of "C"; no courses are concurrent.

MSED 8231 Trends in Middle and Secondary Science**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Designed to provide an in-depth study of current issues, reforms, and trends in middle grades and secondary science. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field: biology, broad fields science, chemistry, physics, or middle grades science.

MSED 8331 Trends in the Content Areas**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course provides opportunities to explore a selected political, cultural and/or technological trend as it relates to teaching in the content areas. The specific focus of the course will vary, but the structure and learning goals will remain constant. Students will explore the theoretical foundations of the selected trends as well as pedagogical practices aligned with the trends in their specific certification/content field and grade levels. Candidates must tailor the course assignments and experiences to their specific grade levels and certification/content field.

MSED 8333 Readings and Research in the Content Areas**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course provides opportunities for students to analyze current research in their certification/content field and grade levels in relation to classroom practice. More specifically students will explore current trends and issues in teaching and learning in the disciplines through intensive reading of scholarly and practitioner journals. Students will select one issue, review current literature that addresses this issue and write a review that summarizes findings from this research and implications for their classroom practice. Issues addressed in the course may include topics such as teaching English Language Learners in content area classrooms, using Web 2.0 technologies effectively and role of discussion in learning content.

MSED 8434 Trends in Middle and Secondary Social Studies**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

A study of current trends and issues in social studies curriculum and instruction. An emphasis is placed on an analysis of problems challenging social studies teachers in the middle and secondary schools. Candidates must tailor the course assignments and experiences to their specific grade levels and certification/content field: economics, geography, history, political science, or middle grades social studies.

MSED 8530 Foundations of Teaching Grades 4-12 Mathematics**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

An in-depth analysis of the content and pedagogy of middle grades and secondary mathematics. Emphasis will be placed on a study of the research in middle grades and secondary mathematics curriculum and instruction as well as the historical development of current mathematics content requirements. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.