



UNC CHARLOTTE

College of Education
Master of Education in Middle and Secondary Grades
Secondary Education Strand
REVISED FALL 2011
Concentration: Science or Social Studies

Name: _____
Email Address: _____

Student ID #: _____
Telephone: _____

Advisor: Dr. Tina Heafner _____

Email: theafner@uncc.edu

M.Ed. (33 hours)

Prerequisites: Licensure in 9-12 Science or Social Studies

Advanced Pedagogy: <u>Nine hours</u> in advanced pedagogy courses in 9-12 licensure with a focus on student learning, respectful educational environments, global and cultural issues, differentiation of instruction, adolescent development and diversity, and encouraging collaborative and communicative educational experiences.		
Required Courses	Semester	Grade
MDSK 6156: Curriculum, Teaching, and Contemporary Issues in Education (3) A consolidated examination of curriculum and learning theory with emphasis on educational reform and the origins of contemporary issues in education. This course merges curriculum and learning theory to examine contemporary issues in education. Drawing from the field of curriculum studies, attention is given to historical roots of curriculum and important theorists, educational reform and the change process, as well as global comparisons among American and international educational systems. In addition, this course approaches learning theory associated with information processing, personal, social, and behavior models as the foundation of current content area instructional methodology. <i>(Fall) (Evening)</i>		
MDSK 6220: Adolescence and Learning (3) Study of adolescence as a phase of development and its relationship to the learning process. <i>(Summer, Fall) (Evening)</i>		
TESL 6206: Globalization, Communities and Schools (3) [Spring] An examination of the intersection of globalization and education with specific attention to the experiences of Latinos in North Carolina and the contemporary phenomenon of transnationalism. This course does not carry a fieldwork requirement. <i>(Fall, Spring) (Evening)</i>		
Advanced Specialized Pedagogy: <u>Three hours</u> in advanced specialized pedagogy courses with a focus on systematic evaluation of student learning, creation of respectful educational environments, responsiveness to global and cultural issues, differentiation of instruction for diverse adolescents, urbanization and issues in urban schools, scaffolding student reading and literacy development of		

collaborative and communicative educational experiences, and integrating 21 st Century content and technology skills into educational practice.		
Required Courses [Summer] Selected the Online Course or Choose <u>ONE</u> :	Semester	Grade
READ 6265/EDCI 8265: Multiliteracies in a Global World: Reading and Writing Texts in New Times or TESL 5103 Teaching English as a 2nd Language (3) Multiliteracies is a way of rethinking about what it means to be literate today in a globally connected world. It takes literacy beyond a focus on traditional print-based literacy to multiple-forms of knowing, including print, images, video, and combinations of forms in digital contexts, which are represented in inter-related and complex ways. A theory of multiliteracies complicates what we know about teaching and learning because it is constantly evolving as new information and communications technologies (ICTs) emerge. This course immerses students in both the theory and practice of multiliteracies and considers how globalization has created a more complex environment for teachers and students.		
Alternative Course Options: These courses are NOT guaranteed to be offered online.		
TESL 5103. Methods in Teaching English as a Second Language (formerly Teaching English as a Second Language). (3) For current and future teachers of English as a Second Language (TESL) to master a variety of approaches, methods, and techniques of teaching ESL and other competencies prescribed by the State of North Carolina. <i>(Fall)</i>		
EDUC 6102. The Person and School in Urban Society. (3) The basic philosophical theories and sociocultural forces that influence the objectives, structure and programs of schools, agencies and institutions in urban society. <i>(On demand)</i>		
EDUC 7126 Comparative Education		
EIST 5100. Computer Applications in Education. (3) Computer systems and software for enhancing teaching, learning, and educational management; evaluating, selecting, and integrating courseware; focus on current PC operating system, word processing, database, spreadsheet, presentation, Internet, e-mail, and multimedia software. <i>(Fall, Spring, Summer)</i>		
EIST 6110. Instructional Design. (3) Prerequisites: EDUC 6100 and RSCH 6101. Instructional Design and evaluation principles are included and examine Goal and task analysis, analysis of audience, flow chart development, instructional strategies, selection and development of instructional materials, formative and summative evaluation. <i>(Spring)</i>		
MDSK 6142: Readings in Assessment, Measurement and Student Achievement. (3) An examination of research-based assessment strategies for the 6-12 classroom. Practitioners will construct appropriate assessment items with a focus on reliability and validity. Interpretation and utilization of student outcomes to improve classroom practice is emphasized. 3 hours. No clinical experience required. <i>(Fall) (Evening)</i>		
RSCH 6109. Assessment and Evaluation Methods. (3) Prerequisite: RSCH 6101 or equivalent. Fundamentals of individual and group assessment, including selection, administration, and interpretation of norm-referenced and criterion-referenced assessment instruments and demonstration of competencies prescribed by the State of North Carolina and other professional organizational standards. <i>(Fall, Spring)</i>		
RSCH 6110. Descriptive and Inferential Statistics. (3) Prerequisite: RSCH 6101 or equivalent. Identification of objective reporting and decision-making statistics; application of descriptive and inferential methods; illustration of elementary parametric and non-parametric techniques in hypothesis testing; and, demonstration of the fundamentals of data processing. <i>(Fall, Spring, Summer)</i>		
Advanced Content: <u>Nine hours</u> in a graduate advanced content course for extension of content and curriculum expertise for engaging students in relevant and rigorous content analysis integrating 21st Century content and skills into educational practice.		
Required Course [Summer] <i>Three advanced content classes in science and social studies will be offered online in summer 2012. Course names will be provided in the spring advising session.</i>	Semester	Grade

Recommended approved advanced content course in licensure area (e.g. Science and Social Studies) Course Number and Title _____(3)		
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Introduction to Research Methods: <u>Three hours</u> in graduate methodology examining qualitative and quantitative research, to understand the role of data analysis in affecting student achievement, fostering instructional and evaluation methods that embrace variety and authenticity, and critically assess research-based practices.		
Required Course [Fall, Spring, or Summer]	Semester	Grade
RSCH 6101: Educational Research Methods (3) Identification of logical, conceptual, and empirical research problems; application of methods and procedures, including conducting library research, interpreting research findings, and preparing reviews of related literature. <i>(Fall, Spring, Summer)</i>		
Advanced Content Methods: <u>Three hours</u> in advanced content specific methodology designing instruction to promote respectful educational experiences for adolescents, supporting student learning, demonstrating content and curriculum expertise, advocating for students and effective educational practices, developing leadership skills and encouraging deep reflection and systematic analysis of content and content pedagogy.		
Required Course [Spring]	Semester	Grade
One of the following: MDSK 6351: Advanced Methods in Middle and Secondary Science MDSK 6354: Advanced Methods in Middle and Secondary Social Studies MDSK 6351. Advanced Methods in Middle and Secondary Science. (3) Examination of current research and scholarship on the teaching of science in middle and secondary schools. Particular emphasis on the development of advanced instructional expertise and leadership. <i>(Spring, On demand)</i> MDSK 6354. Advanced Methods in Middle and Secondary Social Studies. (3) Examination of current research and scholarship on the teaching of social studies in middle and secondary schools. Particular emphasis on the development of advanced instructional expertise and leadership. <i>(Spring, On demand)</i>		
Authentic Applications of Leadership and Reflection: <u>Final six hours</u> within graduate program. Courses provide culminating applications of teacher leadership, respectful educational environments, content and curriculum expertise, student learning, and systematic reflection.		
Final program courses: [Fall, Spring]	Semester	Grade
MDSK 6260: Principles of Teacher Leadership (3) An examination of the current research on adult learning and development, expert knowledge, and the professionalization of the field of teaching. Students develop skills to direct other educational professionals. <i>(Fall, Spring) (Evening)</i>		
MDSK 6691: Seminar in Professional Development (3) Capstone Experience: Final course scaffolds candidates development of capstone		

<p>evidence of professional and programmatic growth with the creation of a research project. Seminar is focused on the self-direction and professional development of teachers. Emphasis will be placed on the design, development, and completion of the candidate's comprehensive portfolio, thesis, or research project. <i>(Fall, Spring)</i> <i>(Evening)</i></p> <p>Capstone Experience and Research Committees Candidates in both middle grades and secondary must complete a capstone experience in the form of a research project. Candidates will convene a committee of three graduate faculty members whom they will select with assistance from their department advisor if a research project is selected as the capstone experience. The primary role of this committee is to assess the research project for MDSK 6691.</p>		
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Completion of 33 graduate hours to be applied to the degree _____ (date)

Application for candidacy filed with the Graduate School _____ (date)

Application for graduation filed with the Graduate School _____ (date)

Report of Capstone Research Project sent to the Graduate School _____ (date)

Application for "M" license filed in TEAL Office _____ (date)