Cross-listed with: HLHED 582

EDUC 586: Educational Research Designs

3 Credits

Focuses on methods of research in educational settings to help participants become informed consumers of the educational research literature. EDUC 586 Educational Research Designs (3) This course focuses on methods of research appropriate in educational settings to help participants become informed consumers of the educational research literature. Throughout the course participants will (1) identify an appropriate research problem and justify the importance for investigation; (2) identify and classify the types of variables used in research; (3) utilize electronic search and communication tools; (4) critically examine various research designs and their practical applications; (5) interpret analysis of data using statistical treatments; (6) describe strengths and weaknesses in research designs; (7) critique research studies; (8) describe PSU requirements for conducting research with human subjects; and (9) develop a writing style consistent with scientific/research work with emphasis on objectivity and utilizing appropriate APA style. The key assessment for the course is a critique of a published research article. Instructors will also include assessments such as: midterm or final examinations, quizzes, class presentations, online activities or discussions, research projects, research proposals, dialogue journals, research problem descriptions, article analyses, or class participation.

Prerequisite: EDUC 539; or TRDEV460

EDUC 587: Master’s Project

3 Credits

The development of an original master’s project (paper, essay, production, practicum) supervised and judged by an appropriate faculty committee.

EDUC 589: Problems in Urban Education

3 Credits

Independent study of selected topics related to urban education.

EDUC 590: Colloquium

1-3 Credits/Maximum of 3

Continuing seminars which consist of a series of individual lectures by faculty, students, or outside speakers.

EDUC 591: Education Seminar

1-6 Credits/Maximum of 6

The capstone seminar course for the M.Ed. degree requiring an appropriate scholarly term paper. EDUC 591 Education Seminar (6) This performance-based course is intended to serve as a culminating or capstone experience for students enrolled in the Master of Education degree program in Teaching and Curriculum. A constructivist seminar format, augmented by significant readings, will be used to facilitate in-depth discussions of important, timely, and controversial issues in education. Students will be asked to reflect upon all previous course work toward the degree as a foundation for analyzing the past, evaluating the present, and speculating about the likely future of the numerous issues that collectively constitute the education arena. Students will be expected to demonstrate their ability to analyze and synthesize material
through the guiding of, and participation in, class discussions of the readings, through satisfactory completion of in-class assignments, and through the completion of a major scholarly paper and a corresponding class presentation that both focus on the same aspect of an educational theme.

Prerequisite: EDUC 506, EDUC 586, and completion of 27 credits in the Teaching and Curriculum program or approval of program

EDUC 596: Individual Studies
1-9 Credits/Maximum of 9

Creative projects, including nonthesis research, that are supervised on an individual basis and which fall outside the scope of formal courses.

EDUC 597: Special Topics
1-9 Credits/Maximum of 9

Formal courses given on a topical or special interest subject which may be offered infrequently.

EDUC 805: Curriculum Foundations
3 Credits

This course provides a comprehensive overview of the philosophical, historical, psychological, and social foundations that affect the school curriculum. The course calls attention to the global and multicultural perspective in education. It involves the study of the implications and applications of these curricular foundations in the form of issues and theoretical trends that shape the field of curriculum. Participation in the course activities allows candidates to identify and analyze their personal values, beliefs, and perspectives, as well as theories and research which shape their own professional practice as educators within diverse educational settings with children. By the end of the course, participants will be able to 1) develop and demonstrate understanding of how major foundations (disciplines) shape the curriculum of schooling, including philosophy, history, politics/policy, social psychology, and cultural studies; 2) consider and critique selected educational issues, both past and present, examining how they are anchored in and influenced by the foundations of curriculum; 3) investigate how social, economic, cultural, and political/policy debates and representations in the public sphere help to shape the foundations of curriculum; 4) engage in critical inquiry regarding the future roles of teachers, students, and other stakeholders in the learning community and society at large, and exercise the faculty of imagination as a means of thinking "outside the box" for educational purposes; 5) demonstrate professional scholarly attitudes, skills, and dispositions, including critical analysis and constructive use of questioning; scholarly use of research; dedication to continuous learning; positive group interaction and participatory collaboration; and reflective envisioning and enacting of curricular reform; 6) examine issues of race/ethnicity, linguistic variation, social class, gender, and sexual orientation and their relationships to the curriculum and schooling; and 7) demonstrate a professional scholarly writing style with a practical focus sharpened by theoretical awareness, using the APA Writing Manual as a style guide.

Prerequisites: EDUC 820

EDUC 806: Curriculum Development and Instructional Design
3 Credits

The course focuses on an examination of theory, issues, problems, organization, and application of instructional design for teachers in planning and developing a curriculum. The course presents examples of effective strategies including concept-based curricula, backward design, interdisciplinary approaches, integrated curricula (curriculum mapping), assessment, and reporting techniques.

Prerequisites: EDUC 805

EDUC 820: Learning Theory for the Classroom
3 Credits

This course is an application of learning theories from psychological, sociological, and physiological disciplines to educational settings for children and adolescents. At the conclusion of the course, participants will be able to 1) analyze the educational implications of cognitive, language, personal, and social/emotional development; 2) describe and distinguish among major learning theories from biological, psychological, and sociological disciplines; 3) employ knowledge of learning theories to analyze learning strategies, strengths, and needs; 4) apply learning theories to optimize learning for all students that complements their cultural background, race, gender, ethnicity, socioeconomic status, or special needs; and 5) analyze through a theoretical lens the impact on student learning of current educational issues and trends.

Prerequisite: admission to program

EDUC 839: Educational Assessment
3 Credits

This course will prepare students with the knowledge and skills necessary to monitor, assess, and report student achievement.

Prerequisites: EDUC 820

EDUC 862: Literacy Assessment and Evaluation
3 Credits

This is a required course in the M.Ed. in Literacy Education graduate degree and reading specialist certification programs. The course is designed to familiarize participants with (1) factors related to learners who exhibit difficulty with literacy learning; (2) appropriate selection of valid, reliable, fair, and appropriate print and digital assessment tools to evaluate literacy achievement; (3) proper techniques for administering, scoring, and interpreting formal and informal literacy assessments; (4) procedures for analyzing findings, summarizing results, and advocating for appropriate literacy practices and recommendations that meet the diverse needs of K-12 learners.

Prerequisite: EDUC 561

EDUC 863: Literacy Methods
3 Credits

This course examines the literacy curriculum and teaching practices in various real world contexts to support the diverse needs of K-12 learners. Graduate students review and apply current literacy research to inform instruction within the context of their individual classrooms. Students also employ a multiliteracies framework in their lessons as they locate
digital resources and tools to model critical viewing, representing, and thinking for their K-12 learners. Students enrolled in EDUC 863: Literacy Methods plan, adapt, and implement innovative instructional approaches that will support their professional practice and future role as K-12 literacy educators and reading/literacy specialists.

**Prerequisite:** EDUC 862

EDUC 864: Literacy Clinic

3 Credits

This capstone course for the Master of Education in Literacy Education with the Reading Specialist certification program is designed to address the major theories and empirical research that addresses the cognitive, linguistic, and sociocultural foundations of literacy development, processes, and components, including word recognition, language comprehension, strategic knowledge, critical literacy, and interdisciplinary connections. To demonstrate mastery of these concepts, students engage in an action research case study project in which they design, develop, and implement within their respective curriculum to meet the needs of K-12 learners who are experiencing difficulties with literacy. Through this case study, students demonstrate and apply pedagogical and professional knowledge, skills, and dispositions. Students select a variety of appropriate texts, consider multimodalities, determine learners' backgrounds and interests, and administer appropriate assessments to evaluate and monitor progress. Students also have the opportunity to further enhance their ability to collaborate with professional colleagues, interact with families, and demonstrate leadership in literacy education.

**Prerequisite:** EDUC 863

EDUC 865: Literacy Leadership

3 Credits

EDUC 865 Literacy Leadership is a required course in the Master of Education in Literacy Education and Reading Specialist certification program that is designed to prepare students to assume the role of literacy leader within a school or school district. This role includes the implementation, management, and evaluation of the literacy program. The course allows students to connect theory to the development of effective literacy programs and intervention frameworks, and to understand the interrelated nature of literacy policy, curriculum, assessment, and instruction. Throughout the course, students develop dispositions that allow them to work collaboratively alongside classroom teachers, district officials, and other professionals as they develop curriculum, determine appropriate assessments, conduct professional learning workshops, and evaluate program effectiveness.

**Prerequisite:** LLED 445, EDUC 863