

ERM: ED RESEARCH AND MEASUREMENT

College of Education and Social Work

Courses

ERM 500. Methods & Materials of Research in Education. 3 Credits.

Historical, descriptive, and experimental methods of research. Methods for locating, evaluating, interpreting, and reporting research data. Each student prepares a research prospectus.

Distance education offering may be available.

Typically offered in Fall, Spring & Summer.

ERM 501. Research Methods for Teachers. 3 Credits.

Designed to offer a practical and accurate introduction to various research methods that can be applied to a classroom setting for improving teaching practice.

ERM 502. Methods & Materials of Research for Counselor Education. 3 Credits.

Designed to enable the counselor to read experimental, quasi-experimental, descriptive, and correlational research reported in the professional journals. Both univariate and multivariate designs are emphasized.

Pre / Co requisites: ERM 502 requires a prerequisite of EDC 540.

ERM 531. Principles of Educational Testing. 3 Credits.

This course is designed to develop in teachers the skills important in the three areas of educational testing: teacher-made tests (objective and essay); computerized programs for grading and reporting results, and for improving the test quality through item-analysis procedure; and the evaluation of the psychometric characteristics of standardized tests.

ERM 553. Assessment for Learning - Early Grades. 3 Credits.

This course is designed to provide students the knowledge and skills to use multiple developmentally appropriate assessments (authentic, screening, diagnostic, formative, and summative) to guide instruction related to standards, to monitor results of intervention and their implications for instruction for all students, and report assessment results.

Pre / Co requisites: ERM 553 requires a prerequisite of EGP 520.

Typically offered in Fall & Spring.

ERM 554. Assessment for Learning - Middle Grades. 3 Credits.

This course is designed to provide middle grade candidates the knowledge and skills to use multiple developmentally appropriate assessments (authentic, screening, diagnostic, formative, and summative) to guide instruction related to standards, to monitor results of interventions and their implications for instruction for all students, and to report assessment results.

Pre / Co requisites: ERM 554 requires prerequisites of MGP 520, EDP 501, EDA 542, and field clearances.

Typically offered in Fall & Spring.

ERM 555. Advanced Assessment for Learning: 7-12. 3 Credits.

This course is designed to provide students the knowledge and skills to use multiple developmentally appropriate assessments (authentic, screening, diagnostic, formative, and summative) to guide instruction related to standards, to monitor results of interventions and their implications for instruction for all students, and to report assessment results.

Typically offered in Fall & Spring.

ERM 591. Introduction to Critical Action Research. 3 Credits.

Students will be introduced to the action research process. At the conclusion of this course students will demonstrate understanding of the steps involved in conducting systematic, data-driven inquiry and applying reflective practices in the context of educational and social change.

Typically offered in Fall.

ERM 595. Critical Action Research Thesis Project. 3 Credits.

Students will design an action research project on a topic of interest related to educational change and transformation. They will formulate their design into a research proposal and defend the proposal.

Pre / Co requisites: ERM 595 requires prerequisites of ERM 591 and EDF 593.

Typically offered in Spring & Summer.