

COLLEGE OF EDUCATION



UNIVERSITY OF COLORADO
AT COLORADO SPRINGS

PhD in Leadership, Research, and Policy

COURSE DESCRIPTIONS

Leadership and Policy Core

LEAD 730-3 Ethical Leadership and Democratic Values in a Multicultural Society

Students examine critical elements of the development and maintenance of ethical behavior in organizations and institutions. They analyze the policies and practices of various organizations and institutions and critique alignment of declared corporate values with decisions and behaviors. Students develop institutional and individual codes of ethics that align with professed democratic values.

LEAD 735-3 Leadership, Power, and Authority in Education Policy and Governance

Students examine the process of developing policy from perceived need and analyze current educational issues from a policy perspective. They analyze the political relationships among P-16 educational systems, the communities they serve, and governmental entities representing a larger democratic society. They assess the motivation of various political groups for affecting change in public policy. They develop a tool to evaluate policies relative to organizational goals and needs.

LEAD 820-3 Large Scale Student Assessment

Students assess and critique qualitative and quantitative large-scale student assessment models in the context of learning and assessment theory. They analyze the alignment of various large-scale student assessment programs with established student outcome standards and develop large-scale assessment studies with appropriate statistical models. Prerequisite: LEAD 710, Intermediate Quantitative Research and Statistics or equivalent.

LEAD 825-3 Policy Analysis and Evaluation

Students investigate and apply methods of policy and program evaluation. They analyze the role of evaluation in policy and program development and implementation. They also investigate appropriate methods of needs assessment as a function of policy development, program

development, and the evaluation of their effectiveness. Prerequisite: LEAD 710, Intermediate Quantitative Research and Statistics or equivalent.

LEAD 830-3 Leadership Excellence in Complex Organizations

Students analyze organizational metaphors and their application to educational organizations. They examine various theories on organizations and the role of process, structure, and communication in organizational effectiveness. They investigate the relationship between and among various systems. They apply knowledge of adult human development and systems theory to organizational development and strategic planning.

LEAD 835-3 The Economics of Education

Students examine theories of economic models related to the relationship between human capital and education. They investigate and analyze economic state and national policy affecting P-16 education and undertake international comparisons of education and economic policy.

Research Core

LEAD 710-3 Intermediate Quantitative Research and Statistics

Students learn and apply advanced methods of analyzing data with an emphasis on the use and interpretation of descriptive and inferential techniques. Topics covered include repeated measures ANOVA, power, multiple correlation and regression, ANCOVA, MANCOVA, Factor Analysis, and selected packaged statistical programs. Prerequisite: Introduction to Statistics or equivalent.

LEAD 715-3 Methods of Qualitative Research

Students identify and discuss differing philosophical orientations in respect to knowledge and inquiry among qualitative researchers. They study traditions of qualitative research that have evolved within disciplines of anthropology, sociology, psychology, and organizational theory and critique various qualitative studies. They develop competency in various techniques for gathering, analyzing, and reporting qualitative data. Prerequisite: Introduction to Statistics or equivalent.

LEAD 760-2 Doctoral Research Laboratory in Leadership

Students participate in laboratories organized by professors to engage students in ongoing research projects. They are challenged to extend and apply knowledge and skills developed in coursework as they partner with professors as researchers. Laboratories enable students to demonstrate required skills and knowledge, achieve program goals, and demonstrate progress toward candidacy.

LEAD 810-3 Advanced Quantitative Research and Statistics

Students learn and apply advanced methods of developing and analyzing complex data sets through the application of appropriate statistical measures, including time series analysis, SEM, and HLM. Development of skills to conduct and submit critical analyses of published research studies. They design, implement, and conduct research projects followed by the completion of professional-level research reports. Prerequisite: LEAD 710, Intermediate Quantitative Research and Statistics or equivalent.

LEAD 815-3 Applications of Qualitative Research

Students apply tools of qualitative inquiry in the design and implementation of research studies and data analysis. They design a research project, collect data using various techniques, and demonstrate proficiency in analysis of those data. They explore and apply appropriate techniques of qualitative data analysis. Prerequisite: LEAD 715, Methods of Qualitative Research or equivalent.

LEAD 899-1-10 Doctoral Dissertation

Candidates must be enrolled for 3 credits of Doctoral Dissertation each semester of doctoral coursework for a total of 18 credits. Candidates must be continuously enrolled in a minimum of 1 credit hour of dissertation credit per semester during completion of the dissertation. Five credits of dissertation credit must be taken during the semester of the oral defense. A total of 30 credits of Doctoral Dissertation must be earned to complete degree requirements.