

Courses Acceptable on Master's and Doctoral Degree Programs in Education (ED)

Refer to *Courses and Curricula and Regulations of the Graduate Division* sections of this bulletin for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.

UPPER DIVISION COURSE

ED 516. Foundations of Bilingual Education (1)

Prerequisite: Credit or concurrent registration in Education 451.

Overview of models of bilingual education programs for language minority students.

GRADUATE COURSES

Twelve units of professional education are prerequisite for enrollment in all graduate courses.

GENERAL

ED 690. Methods of Inquiry (3)

Procedures for gathering, analyzing, and synthesizing information; reviewing the literature; designing studies. Section selection to be made with department graduate adviser.

ED 696. Selected Topics in Community Influences on Learning and Curriculum Planning (1-3)

Prerequisite: Teaching experience.

Intensive study in specific areas of education. May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units applicable to a master's degree. Maximum combined credit six units of any 596 or 696 offered by the College of Education applicable to a master's degree.

ED 791A. Evaluation Techniques (3)

Prerequisites: Education 690 and advancement to candidacy for the master's degree.

Theory and practice of instructional program and product evaluation.

ED 791B-791C. Practicum: Evaluation (1-3)

791B: One lecture. 791C: Independent study.

Prerequisites: Education 791A and advancement to candidacy for the Master of Arts degree in education. Concurrent registration in Education 791B and 791C.

Supervised experience in conducting a program or product evaluation, strategy selection, procedures, reporting methods, culminating in a written project.

ED 795A-795B. Seminar (3-3)

Prerequisites: Education 690 and advancement to candidacy for the Master of Arts degree in education.

An intensive study in selected areas of education culminating in a written project. Limited to students following Plan B for the Master of Arts degree in education.

ED 797. Research (1-3) Cr/NC/RP

Prerequisites: Education 690 and advancement to candidacy for the master's degree.

Research in one of the fields of education. Maximum credit six units applicable to a master's degree.

ED 799A. Thesis (3) Cr/NC/RP

Prerequisites: An officially appointed thesis committee and advancement to candidacy for the master's degree.

Preparation of a project or thesis for the master's degree.

ED 799B. Thesis Extension (0) Cr/NC

Prerequisite: Prior registration in Thesis 799A with an assigned grade symbol of RP.

Registration required in any semester or term following assignment of RP in Course 799A in which the student expects to use the facilities and resources of the university; also student must be registered in the course when the completed thesis is granted final approval.

ED 799C. Comprehensive Examination Extension (0) Cr/NC

Prerequisite: Completion or concurrent enrollment in degree program courses.

Registration required of students whose only requirement is completion of the comprehensive examination for the master's degree. Registration in 799C limited to two semesters.

DOCTORAL COURSES

ED 801. Seminar on Social and Cultural Foundations of Multicultural Education (3-4)

Prerequisite: Admission to the doctoral program or consent of the graduate coordinator. Students are required to have a background in the social sciences or humanities relevant to such educational issues as social behavior and minority cultures.

Social and cultural parameters that have contributed to the shaping of American society and affected developments in education in the last two decades. Emphasis on the impact on multicultural education and human social behavior in pluralistic societies.

ED 804. Bilingual Education: Models and Current Research Trends (3-4)

Prerequisites: Education 801, a background in sociolinguistics or social anthropology and admission to the doctoral program or consent of graduate coordinator.

Analysis of existing models of bilingual education based on previously identified needs of linguistic minority students. Demonstrated needs from current research in classrooms by ethnographers. Significance of linguistic/cultural competencies for academic performance and validity of existing impact studies.

ED 806. Ethnically Diverse Learners: Public Policy and Classroom Practice (3-4)

Prerequisites: Education 801 and admission to the doctoral program or consent of the graduate coordinator. Background in psychological foundations of education and educational policy is required.

National, state, and school policy directed at providing the minority learner with equal educational opportunity. Discussion of legislation for desegregation, bilingual education, school implementation cases and classroom practices as these relate to equal educational opportunity.

ED 810. Seminar in Curriculum and Technology (3)

Prerequisite: Admission to doctoral program.

Curriculum and learning technologies. Technologies for teaching, learning collaboration, and assessment for diverse population. Legislation, theory, and best practices associated with technology-based instruction and information; critical appraisal of independent learning products and emergent delivery systems.

ED 811. Disability in Society: Issues in Practice and Policy (3-4)

Prerequisite: Admission to the doctoral program or consent of the graduate coordinator.

Issues relating to individuals with disabilities in society. Current and historical practices in education and treatment and impact of public policy on service systems. Maximum credit four units.

ED 814. Seminar in Curricular Change Processes (3)

Prerequisite: Education 810.

Description and analysis of curricular change processes in educational organizations. Emphasis on process of planned change and elements necessary for implementing and managing curricular change.

ED 820. Advanced Educational Statistics (3-4)

Prerequisites: Education 690, Teacher Education 646, or equivalent graduate level course and consent of graduate coordinator.

Theory and practice of statistical inference for research in education. Probability and sampling theory, data collection and organization, computer applications in educational research, statistical significance testing and prediction, use of statistical computer program libraries.

ED 822. Seminar in Analysis and Issues in Race and Ethnic Relations (3)

Prerequisite: Education 801.

Analysis of race and ethnic relations in education from a theoretical, research and action based perspective. Conceptual framework of race, ethnicity and prejudice theory needed for policies and strategies of reform in education to address unequal race relations.

ED 823. Seminar in Action Oriented Policy Research in Multicultural Contexts (3)

Prerequisite: Education 801.

Multidimensional ways to resolve social problems. Development of community based issues, analysis, research and implementation.

ED 824. Seminar in Institutional Change in Multicultural Contexts (3)

Prerequisite: Education 801.

Sociocultural dynamics of urban context, approaches for assessing institutional effectiveness, and strategies for developing and implementing educational innovations. Conceptual understanding of educational and social innovations that address multicultural context of school communities.

ED 825. Reading Research (3)

Prerequisites: Master of Arts degree in reading or related language area, and two years of teaching experience.

Analysis of existing literature in reading research and its application to the field. Exploration of areas of research need.

ED 827. Seminar in Communication and Cognition in Education (3)

Prerequisite: Admission to doctoral program.

Roots of communication in a diverse society. Relationship between cognition and communication including mass media, as well as cross-cultural, and personal modes.

ED 831. Seminar: Educational Technology Research and Development (3)

Prerequisite: Admission to doctoral program.

Literature in educational technology research and its application. Issues relating to research in design and advances in theoretical foundations. Individual or collaborative research related to student's job responsibilities and/or career interests.

ED 833. Cognition and Interactive Learning (3)

One lecture and four hours of activity.

Prerequisite: Education 810.

Role of contemporary interactive media technologies in facilitating learning across varied populations. Interactions of mind and media as they enhance knowledge, perception, and action. Tools and environments for representing and transforming knowledge.

ED 834. Design and Development of Technology-Based Learning Systems (3)

One lecture and four hours of activity.

Prerequisites: Education 810 and Educational Technology 644.

Theories, frameworks, and strategies for designing educational products and technology-based learning systems. Development, assessment, and implementation of proposals and specifications for technology-based learning and performance improvement across diverse settings and learners.

ED 835. Seminar in Research on Writing (3)

Prerequisite: Admission to doctoral program.

Review of qualitative and quantitative research in writing. Examination of research on sociocultural influences on writing, school-based writing programs, technology and writing, assessment, writing and second-language learning, and creative and critical thinking in writing.

ED 840. Seminar in Literary Research (3)

Prerequisites: Completion of master's degree in education and admission to doctoral program.

Analytic investigation of issues in literacy. Faculty members will present research on contemporary issues in literacy. Topics to include basic processes of literacy, instruction and curriculum in literacy, assessment and policy in literacy.

ED 850. Seminar in Inquiry and Research in Education (3)

Prerequisite: Completion of 48 units in doctoral program.

Inquiry and empirical research in educational settings within public schools, postsecondary institutions, and public and private sector educational organizations, culminating in a dissertation proposal.

ED 851. Seminar in Qualitative Methods of Inquiry (3)

Prerequisites: A master's level course in research methods and admission to doctoral program.

Theory and methods of qualitative research and evaluation. Computer applications in qualitative research. Match methodology to research settings in education; design a research or evaluation proposal; collect and analyze data; and present results of qualitative.

ED 890. Advanced Seminar: Processes of Reading (3)

Prerequisite: Admission to doctoral program or consent of graduate coordinator and Education 825.

Linguistic, cognitive, and affective factors that influence a reader while processing texts. Models of reading process, discourse analysis of written text, and models of reading instruction.

ED 895. Seminar (1-8)

Prerequisite: Admission to the doctoral program or consent of the graduate coordinator.

Investigation of a particular topic or issue, emphasis on empirical research in education. See *Class Schedule* for specific content. Maximum credit eight units applicable to an advanced degree.

ED 897. Doctoral Research (1-15) Cr/NC/RP

Prerequisite: Admission to the doctoral program.

Independent investigation in the general field of the dissertation.

ED 899. Doctoral Dissertation (3-15) Cr/NC/RP

Prerequisites: An officially constituted dissertation committee and advancement to candidacy.

Preparation of the dissertation for the doctoral program. Enrollment is required during the term in which the dissertation is approved.

OFFERED ONLY IN EXTENSION**ED 997. Special Topics in Education (1-3)
(Offered only in Extension)**

Prerequisite: Consent of instructor.

Designed to meet the needs of teachers who wish to develop or continue the study of a current topic. May be repeated with new content.