EDUCATIONAL LEADERSHIP, RESEARCH, AND COUNSELING • ELRC

GENERAL COURSES

5880 Special Topics in Education (1-3) V Prereq.: consent of instructor. May be taken for a max. of 9 sem. hrs. of credit when topics vary. Direction and assistance for the practitioner in solving special problems in school organization.

7299 Introduction to Scholarship in Education (3) Restricted to PhD or EdS students in the department, or permission of instructor. Introduction to scholarship in education and the standards and expectations of the field.

7612 Student Development Theory (3) Explores the development of students in the higher education environment, including theories and research related to intellectual, moral, ego, psychosocial, career, and spiritual development.

7811 Seminar in Current Trends in Education (3) S Open only to students who have completed qualifying examination for the doctoral degree. Current issues and trends; sources, bibliography, and research in the student's major.

7900 Independent Study (1-6) May be taken for a max. of 12 sem. hrs. of credit. Open to advanced graduate students. Directed individual study under the guidance of a graduate faculty member.

8000 Thesis Research (1-12 per sem.) “S”/“U” grading.

8900 Pre-dissertation Research (1-9) Prereq.: consent of department.

9000 Dissertation Research (1-12 per sem.) “S”/“U” grading.

COUNSELOR EDUCATION

4360 Foundations, Functions, and Administration of Counseling and Guidance Services (3) V Multidisciplinary foundations of guidance; major guidance functions; administration of guidance programs.

4361 Counseling Children (3) F,S Prereq.: consent of instructor. Introduction to methods and procedures.

4365 Basic Course in Interpersonal Communication (3) F,S Introduction to basic communication skills and counseling techniques.

4600 Counseling for Disabling Conditions (3) S Etiology, identification, and counseling interventions for conditions and disorders which result in disablement and impaired functioning.

4601 Management of Counseling Services (3) Su Case and program management procedures for clinic rehabilitation.

5300 Special Problems in Guidance and Counseling (3) V Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. lab. May be taken for a max. of 9 hrs. of credit when topic varies.

7301 Orientation to the World of Work (3) V Prereq.: ELRC 7312. Also offered as HRE 7301. For elementary school counselors. Basic concepts underlying orientation, awareness, and exploration phases of the career development process.

7302 Group Dynamics and Techniques in the Elementary Schools (3) V Prereq.: ELRC 4361 and 4365. For elementary school counselors. Dynamics of small groups; case development; small group decision making; consultation techniques.

7330 Group Techniques and Dynamics in Counseling (3) S Dynamics of small group processes, theories of group counseling, and group basic group leadership skills.

7331 Counseling Theory and Techniques (3) F Review of major counseling theories and intervention methods.

7332 Educational and Occupational Information (3) V See HRE 7332.

7333 Analysis of the Individual (3) Su Overview of selection, administration, interpretation, and use of assessment and evaluation instruments and techniques in counseling.

7334 Vocational Counseling (3) V Prereq.: ELRC 7332 or equivalent. Also offered as HRE 7334. Materials and techniques in vocational counseling of adolescents and adults.

7360 Counseling Practicum in Elementary Schools (3-6) F,S Prereq.: consent of instructor. 2 hrs. conf.; 6-18 hrs. lab. in work setting. Supervised experience in elementary schools.

7362 Practicum in School Counseling (3-6) F,S Prereq.: ELRC 4360, 4365, 7330, 7331, 7395, and consent of instructor; 6-18 hrs. lab in work setting. Supervised experience in elementary, middle, or high school settings.

7371 Community Agency Counseling Practicum (3) F,S Prereq.: ELRC 4365, 4600, 4601, 7330, 7331, 7395, and consent of instructor. 2 hrs. conf.; 1 hr. lab; 6-18 hrs. lab in a work setting. Supervised clinical experience in community agency settings (e.g., counseling center, mental health center).

7365 Seminar in Counseling (3) Prereq.: ELRC 4365 and 7331; or equivalent. May be taken for a max. of 6 hrs. of credit when topics vary. Consultation with professor and peers regarding problems encountered in implementing counseling services.

7390 Advanced Counseling Theory and Techniques (3) Su Prereq.: ELRC 7331 or equivalent. Theoretical approaches to individual counseling.

7392 Advanced Vocational Counseling (3) V Prereq.: ELRC 7334 or equivalent. Also offered as HRE 7392. Life career planning through vocational assessment and counseling; vocational counseling theory, research, and practice.

7393 Multicultural Counseling (3) Su Overview of cross-cultural counseling skills and review of factors which influence the behaviors of individuals from diverse populations.

7394 Advanced Group Counseling (3) S Prereq.: ELRC 7330 or equivalent. Small group counseling approaches.

7395 Family Counseling (3) F,S Introduction to family system principles and their application to problem assessment, including family dynamics, family assessment, developmental stages, ethical and cultural issues.

7396 Advanced Family Counseling (3) S Prereq.: ELRC 7335 or equivalent. Practice in assessing family dynamics; supervised experience in developing and implementing therapeutic interventions.

7397 Special Topics in Counseling (3-6) F,S,Su Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. lab. May be taken for a max. of 6 hrs. of credit when topics vary.

7398 Field Experiences in Vocational Counseling (3) F,S Prereq.: ELRC 7332 and 7334. 1 hr. lecture; 4 hrs. lab. May be taken for a max. of 6 hrs. of credit. Also offered as HRE 7398.

7399 Supervised Counseling Internship (1-9) F,S Prereq.: ELRC 7360, 7362, or 7364 and consent of instructor. 2 hrs. conf.; 20-40 hrs. per week at a clinical setting, serving children, adolescents, adults, or families. May be taken for a max. of 9 hrs. of credit.

EDUCATIONAL ADMINISTRATION

4400 Introduction to Educational Administration (3) F,S,Su Organization of the American educational enterprise; economic, political, social, and cultural forces that affect the administration of American education.

7400 Problems of Educational Finance (3) F,S Financing public elementary and secondary schools in terms of federal, state, and local sources of revenue, tax structures, budget preparation, and cost analysis.

7401 Administration of School Personnel (3) S,Su Role of the school administrator in personnel planning, staff development, and employee relationships.

7402 Organizational Research in Educational Administration (3) Prereq.: ELRC 4400 and consent of instructor. Primarily for doctoral students in educational administration. Research, bibliography, and source materials; critical examination of organizational research studies.

7403 The Principalship in Elementary and Secondary Schools (3) F,S,Su Prereq.: ELRC 4400 or equivalent. Duties and responsibilities of the principal for organization, administration, and supervision of elementary and secondary schools.

7404 Internship in Educational Administration (3-6) S,Su Prereq.: consent of instructor. May be taken for a max. of 6 sem. hrs. of credit. For advanced graduate students qualified for internship in educational administration. Pass-fail grading.

7406 Supervision of Child Welfare and Attendance (3) V Prereq.: ELRC 4400 and 7450, or equivalent. Role and function of the supervisor of child welfare and attendance; seminars, field study, and individual research; legal provisions, history, and philosophy.

7407 Politics, Policy, and Administration in Education (3) Prereq.: ELRC 4400 and consent of instructor. Primarily for doctoral students in educational administration. Critical analysis of educational policy and its development.

7408 School and Community Relations (3) F,S,Su Prereq.: ELRC 4400. Analysis of community demands on schools; organizational response from social science perspectives.

7409 Seminar in Educational Leadership (3) Prereq.: ELRC 4400. Exploration of theories of leadership, leading and empowerment, critical thinking, reflective practice, and school administration; school restructuring, leadership in unique contexts, and directions in educational change and reform.

7410 Cultural and Political Issues in Urban School Leadership (3) Focus on the role of leaders, including the principal, in urban schools; impact of societal factors on school leaders in urban elementary and secondary schools.

7423 Advanced School Improvement/Action Research (3) S Prereq.: ELRC 7422. Students refine and administer an action research project at a selected school site. Students will assess the success of their interventions through multiple measures and write a research report that reflects their experiences throughout the semester. In class, discussions focus on methodological difficulties that students encounter and how to overcome them.
EDUCATIONAL TECHNOLOGY

7430 Best Practices of School Leadership I (6) Knowledge and experiential base to support decision making and action at a level of whole school responsibility.
7431 Best Practices of School Leadership II (6) Prereq.: ELRC 7430. Second course in a two course sequence. Provides a knowledge and experiential base to support decision making and action at a level of whole school responsibility.
7450 Supervision of Instruction in Elementary and Secondary Schools (3) F,S,Su Prerequisites, theories, principles, and practices concerning the role of the supervisor in today's multicultural school settings.

EDUCATIONAL FOUNDATIONS

3600 Women, Gender, and Leadership (3) Also offered as WGS 3600.
4000 History of Education (3) F,S,Su Development of formal and informal education in multicultural settings from earliest times to the present.
4001 History of American Education (3) F,S,Su Cultural diversity and the response of educational thought and practice in America from colonial times to the present.
4002 Survey of Philosophy of Education (3) F,S,Su Key theories of human nature, culture, and society and their bearings on education.
4003 Cultural Pluralism in American Education (3) F,S,Su Basic features of major cultures in American society; their impact on American education; historical approaches to educational culture; changes in role of schools in responding to cultural pluralism.
7000 Seminar in Philosophy of Education (3) F,S,Su Prereq.: ELRC 4002. Theories of education and schooling with special focus on the context of pluralistic societies.
7001 Ethics and Educational Leadership (3) S Prereq.: Study of ethical theory, judgement, and practice in educational contexts.

EDUCATIONAL RESEARCH

3200 Classroom Assessment (3) F,S,Su Prereq.: credit or registration in a methods course appropriate to the student's teaching level or major or minor. Principles and techniques in development, administration, scoring, and evaluation of written, performance-based, and other forms of classroom assessment; applications of technology in classroom assessment.
4006 Introduction to Applied Statistics in Educational Research (3) F,S,Su Basic descriptive and inferential statistics in educational research; systematic examination and interpretation of statistical information in published educational research.
4200 Introduction to Educational Measurement (3) F,S,Su Basic theory of educational measurement; assessment in the school setting; test construction and use; evaluation of applications of standardized tests; measurement and applications in multicultural settings.
4249 Understanding and Applying Research in Education (3) F,S,Su For the specialist or nonthesis master's degree student. Instructing teachers and administrators to become intelligent consumers of research.
4900 Educational Statistics (3) F Prereq.: ELRC 4002. Use of selected statistical techniques in education research; the origin and application of statistical analysis and evaluation.
5100 Principles of Testing and Measurement (3) Prereq.: ELRC 7006. Construction of measurement instruments for research purposes; utilization of standardized tests and inventories in research; measurement in multicultural and cross-cultural contexts; implications of measurement reliability and validity for research design and statistical analysis.
7016 Advanced Educational Statistics (4) Prereq.: ELRC 7006 or 7008 or 7016. 3 hrs. lecture; 2 hrs. lab. Advanced statistical procedures and computerized data analysis using SPSS or SAS; analysis of variance and covariance; application of multiple regression techniques in educational research.
7018 Advanced Computerized Data Analysis for Research (3) Prereq.: ELRC 7016 or equivalent. Utilization of standard statistical packages such as SPSS and SAS for analysis of research data with complex structure; preparation and analysis of multi-level, nested, and repeated measures data; hands-on training in design, statistical analysis and interpretation of complex data files; review and application of specialized data analysis programs in educational research.
7201 Theory of Educational Measurement (3) F Prereq.: ELRC 4200. Principles of psychometric theory as applied in the educational setting; classical measurement theory and recent psychometric techniques such as item-response theory and criterion-referenced measurement.
7202 Seminar in Educational Measurement (3) Prereq.: ELRC 7006 and 7201. Basic theories and problems in educational measurement.
7203 Computer Assisted Testing (3) Prereq.: ELRC 7006. Computer adaptive testing; computerized item and test development; continuous and intelligent measurement; analysis and evaluation of test results; legal and ethical aspects of professional standards.
7206 Data Collection and Analysis in Educational Research (3) F,S,Su Prereq.: ELRC 4249 and either ELRC 4002 or ELRC 4006. Completion of a research proposal in educational research; procedures for describing and analyzing data; utilization of computerized data analysis procedures.
7207 Data Collection and Analysis in Educational Research (3) F,S,Su Prereq.: ELRC 4249 and 7206. Introduction to qualitative research traditions and methods in education, including ethnography, grounded theory, and case study; major methods including observational techniques, interviewing, and document analysis; philosophical issues regarding the qualitative research approach; emphasis on qualitative data analysis, including the use of computer programs, such as ATLAS.ti.
7208 Research Practicum (3) F By arrangement with a state agency, a local school system, or other educational agency; students assume a leadership role in conducting research studies under the supervision of the course instructor, the professional practice supervisor at the site.
7249 Advanced Research Practicum (3) Prereq.: ELRC 7248. By arrangement with a state agency, a local school system, or other educational agency; students assume a leadership role in conducting research studies under the supervision of the course instructor and the professional practice supervisor at the site.
7251 Technology Systems in Educational Research (3) Prereq.: ELRC 4507 and 4249 or permission of instructor. 2 hrs. lecture; 2 hrs. lab. Technology innovations and models that facilitate educational research; telecommunications and technology transfer; computer-assisted assessment; technology-based data collection devices; computer analysis of text-based data; computer-aided dissemination of data.
7260 Advanced Methods in Educational Program Evaluation (3) Prereq.: ELRC 7220. Evaluation of a selected educational program; establishing program parameters; formative/summative evaluations; guidelines; conducting evaluations; small experiments; report writing.
7263 Advanced Qualitative Methods in Education (3) Prereq.: ELRC 7243. Construction of a case study of an educational institution or an individual's life; single- and multiple-case designs; analyzing case study evidence; report writing.
7270 Mixed Methods Research in Education (3) Prereq.: ELRC 4249 or 7241. Mixed methods as a separate research methodology integrating both the quantitative and the qualitative approaches.
7280 Content Analysis (3) Prereq.: ELRC 4249 or 7241. Principles, theories, and strategies for systematically examining the content of textual and other mediated communication.
7290 Seminar: Educational Research Methodology (1-3) Prereq.: master's degree. May be taken for a max. of 9 sem. hrs. of credit when topics vary. Advanced topics in educational research methods.

EDUCATIONAL TECHNOLOGY

2507 Introduction to Classroom Technology (3) Introduction to technology tools and effective technology integration methods to enhance student learning.
3500 Utilization of Instructional Materials (3) F,S,SU Open only to candidates for teacher certification. Basic techniques for preparing effective instructional materials.

4501 Selection and Utilization of Educational Media (3) Introduction to instructional technology; characteristics of media, objective specifications, and evaluation of instructional modules and systems.

4507 Computer Technology in Education (3) Applications of computers in instruction; educational data processing, computer-assisted and computer-managed instruction; information storage and retrieval; use of macro/minis computers.

4512 Fundamental Computer Science for Teachers (3) Prereq.: ELRC 4507 or prior programming experience and credit in an education methods course numbered 3000 or above. See CSC 4602.

4535 Educational Telecommunications and the Internet (3) S Prereq.: ELRC 4507 or equivalent. 2 hrs. lecture; 2 hrs. lab. Use of telecommunication tools found in educational settings; integration of telecommunications resources into instruction; research using the World Wide Web; design, development, and evaluation of Web-based materials that include multimedia; security and legal issues; configuration of school and district networks; distance education applications; and emerging trends and research issues.

5505 Production of Instructional Materials (3) Instructional graphics production techniques; principles of visual design and instructional message design.

7240 Critical Analysis of Current Research in Educational Media (3) Su Prereq.: ELRC 4501, 4507, or equivalent. Analysis of current literature in the field; evaluation of current and needed research; systems approach to solving instructional problems.

7420 Administration of Technology Programs (3) S Prereq.: ELRC 4501 or 4507 or consent of instructor. Primarily for personnel responsible for planning, implementing, and evaluating educational technology programs. Topics include applications, facilities, finances, acquisitions, and staff development.

7500 Technology in Educational Leadership (3) F,S,S Prereq.: ELRC 4507 or consent of instructor. Overview of salient advances in theory, research, and practice in educational technology; examining leadership roles in regard to emerging trends and issues in educational technology; analyzing current technology integration models.

7502 Principles of Distance Education (3) F,S,S,Prereq.: ELRC 4507 or consent of instructor. Applications of the principles of distance education to teaching and learning in educational and training contexts.

7503 Instructional Design (3) Prereq.: ELRC 4507 or approved equivalent. Instructional design theories and models and their application in solving real world instructional/learning problems.

7504 Educational Technology and the Law (3) Legal issues concerning educational technology.

7505 Design and Development of Multimedia Instructional Units (3) Prereq.: ELRC 4507 and 7503; or equivalent. Instructional design for computer-assisted instruction; emphasis on learning theory, events of instruction, structuring instructional sequences for maximum content retention.

7509 Authoring Systems for Educators (3) Prereq.: ELRC 4507 and 7505; or equivalent. 2 hrs. lecture; 2 hrs. lab. Authoring systems, with emphasis on Super PILOT and LOGO for individualized learning; system variables, transfer and portability parameters, student involvement, alternative systems, and formative and summative evaluation procedures.

7516 Practicum in Educational Media (3-6) F,S,Prereq.: ELRC 7420 or 7505; or consent of instructor. 9-18 hrs. lab. Practical experience in teaching, producing, utilizing, and administering educational media.

7517 Seminar in Educational Media (3) Prereq.: ELRC 7240 and 7420; or consent of instructor. Advanced topics in instructional technology.

7520 Educational Technology in Business, Industry, and Government Agencies (3) Prereq.: ELRC 7503 and one of the following: ELRC 5505, 7502. Techniques used to meet training and development needs in business, industry, and governmental agencies.

7525 Professional Development for K-12: Technology Integration (3) F Analyze effective professional development strategies; plan, design and implement, and evaluate technology staff development activities.

7535 Advanced Telecommunications and Electronic Learning (3) F,S,Prereq.: ELRC 4507 or consent of instructor. Scope and elements of the online environment; technologies and strategies for online teaching and learning; design, development, or conversion of courses for online delivery; course management, assessment, and evaluation; policy issues.

7550 Theory and Research in Educational Technology (3) Prereq.: ELRC 7240 and 7503. For advanced graduate students. Theoretical foundations and research in educational technology; emphasis on theories of communication, learning theories, educational psychology, and behavioral sciences.

7791 Educational System Analysis (3) V Prereq.: completion of 3 sem. hrs. in educational administration or equivalent. Same as EDCI 7791. Basic techniques for designing instructional systems; emphasis on instructional objectives; design and selection of instructional alternatives; evaluation of instructional systems.

HIGHER EDUCATION

4364 Student Affairs in Higher Education (3) V Basic concepts and issues in the college student affairs field.

7600 Issues of Race and Gender in Higher Education (3) Historical and socio-political perspectives on the higher education experiences of women, African-Americans, Asian-Americans, and Hispanics, focusing primarily on the period from the 1960s to the present.

7601 Foundations of Higher Education (3) History of the sociological and philosophical foundations for higher education in the United States.

7603 Leadership in Higher Education (3) S Analysis of leadership issues and theory relating to postsecondary education, including the college presidency and academic governance; institutional culture; student diversity, curricular change, and new providers of higher education.

7604 Politics and Policy of Higher Education (3) Political and policy issues surrounding higher education; issues of race and gender, politics, and policy of student loans; policies toward unprepared college students; collective bargaining; the accreditation process.

7605 Higher Education and the Law (3) Legal issues concerning higher education, including tenure, academic freedom, campus crime, sexual harassment, laws against discrimination, student discipline, and liability for accidents and injuries.

7606 Curriculum and College Teaching (3) Critical analysis of college curriculum and approaches to teaching; historical development of curricular models; introduction to teaching and learning theories.

7607 Finance in Higher Education (3) Public policy and theory of financing higher education; topics include tuition, pricing, tuition policy, financial management of institutions, and financial aid.

7609 Strategic Planning in Higher Education (3) Strategic plans for institutions of higher education; processes by which those plans are developed; higher education strategy within the context of the cultural and competitive environment; emphasis on current topics in organizational strategy.

7610 Assessment and Evaluation in Higher Education (3) Analysis of assessment and evaluation practices in higher education; role of assessment in policy development and strategic planning.

7611 College Students in the United States (3) Critical analysis of issues related to college students in the United States, including access, choice, climate, student organizations, and development and identity.