

## 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 to demands and expectations of doctoral study.
- 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) V** 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 client 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 topics vary.
- 7301 Orientation to the World of Work (3) V** Prereq.: ELRC 7332. 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 group behavior; emphasis on classroom consultation and demonstration procedures.
- 7330 Group Techniques and Dynamics in Counseling (3) S** Dynamics of small group processes, theories of group counseling, and 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.
- 7364 Community Agency Counseling Practicum (3-6) 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 7395 or equivalent. Practice in assessing family dynamics; supervised experience in developing and implementing therapeutic interventions.
- 7397 Special Topics in Counseling (3) 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,Su** 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 (3-9) 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,Su** 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 Principals 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) F, 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.
- 7422 Introduction to School Improvement/Action Research (3) F** School effectiveness research; teacher effectiveness research; school improvement; action research; based on the knowledge of these literatures, students will be required to develop a research proposal whose objective is to improve school and/or faculty performance.
- 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 focusing on methodological difficulties that students encounter and how to overcome them.

**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) F,S** 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** Theories, principles, and practices concerning the role of the supervisor in today's multicultural school settings.

**7451 Supervision of Student Teaching (3) F,S,Su** Principles of planning, observing, and evaluating student teaching; participation in student conferences.

**7602 Organization and Administration of Higher Education (3) S** Organization and administration of postsecondary education in the United States and abroad; organizational theory; organization and governance structure of American higher education; patterns of institutional administration.

**7800 Economics of Education (3)** Prereq.: ELRC 7400 or equivalent. Introduction to human capital theory; emphasis on costs and benefits of education, benefit-cost analysis; educational productivity; education and economic growth; and educational planning.

**7802 Theory Development in Educational Administration (3)** Prereq.: ELRC 7006, 7402, and 7407, or equivalent; and consent of instructor. Primarily for doctoral students in educational administration. Critical analysis of approaches to inquiry; development of theory in educational administration.

**7805 Perspectives on Leadership (3) F,S,Su** Examines theories and practices of leadership from multiple perspectives.

**7806 Leadership for Learning (3)** Prereq.: 7805 or equivalent. Primarily for doctoral students in educational leadership and technology. Examination of leadership theories and practices relevant to K-12 school settings.

**7840 Educational Facility Planning (3) F,S,Su** For school administrators. Problems in school construction.

**7870 Legal Aspects of Education (3) F,S,Su** Prereq.: ELRC 4400 and 7450. Case law and its implications for teachers and administrators.

**7890 Seminar: Educational Administration (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 administration.

#### 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)** Basic features of major cultures in American society; their impact on American education; historical approaches to educating persons of different cultures; changing roles of schools in responding to cultural pluralism.

**7000 Seminar in Philosophy of Education (3) 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,Su** 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,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 and applications of standardized tests; measurement 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.

**7006 Educational Statistics (4) F** Prereq.: ELRC 4006 or equivalent. 3 hrs. lecture; 2 hrs. lab. Descriptive and inferential statistics in educational research, computerized data analysis using SPSS or SAS; correlation and regression; normal, t, chi-square, and F distributions; hypotheses testing and interval estimation; analysis of variance, nonparametric chi-square test.

**7010 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 equivalent. 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) Su** 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; analyzing and reporting test results; legal issues and professional standards.

**7220 Education Program Evaluation (3) F** Prereq.: ELRC 4249 and either ELRC 4006 or 7006. Current models and issues in educational evaluation as a professional practice; design and development of a comprehensive evaluation plan that includes specification of theoretical framework, problem identification, data collection/analysis procedures, report writing format, and dissemination plans.

**7221 Performance Evaluation in Education (3) S** Prereq.: ELRC 4200 and 4249; or equivalent. Current procedures and research concerning performance evaluation of students, teachers, and administrators; methodological, professional, and legal issues.

**7241 Educational Research Methodology (3) F,S** Prereq.: ELRC 4006 or 7006. Completion of a research proposal, preferably a pre-dissertation proposal, is required. Comprehensive and general review of qualitative and quantitative research methods in education.

**7242 Experimental and Quasi-Experimental Designs in Educational Research (3) F,S** Prereq.: ELRC 7016 and 7241. Experimental and quasi-experimental designs in educational research, including nested and block designs and evaluation of internal/external validity; design and implementation of projects; analyzing variance data through computer programs; advanced analysis of variance and covariances; multiple regression.

**7243 Qualitative Methods in Educational Research (4) S** Prereq.: ELRC 4249 or 7241. 3 hrs. lecture; 2 hrs. lab. 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.

**7248 Introductory Research Practicum (3) F** By arrangement with a state agency, a local school system, or other educational agency, students assist in the conducting of a variety of research methodologies under the supervision of the course instructor and 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; guides for conducting evaluations and 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)** 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 micro/mini 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,Su** 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,Su** *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) F** *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,Su** *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,Su** *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; and 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.