7006 or equivalent. Theory of design and application of research related to systematized instruction.

7903 Curriculum and Instruction (3) Prereq.: EDCI 7901 or equivalent. Principles of curriculum needs assessment, design, implementation, and evaluation.

7904 Educational Psychology and Understanding human cognition and cognitive change; implications for educational theory, practice, and research.

7910-7911 Introductions of In Education (3) Prereq.: ELRC 7299 or permission of instructor. Theoretical and methodological issues related to research traditions in education: content, design, methodology, and evaluation.

7920, 7921 Analysis of Research in Curriculum and Instruction (3) Prereq.: ELRC 7241 or equivalent. A max. of 6 sem. hrs. may be earned in any one area. Factors influencing research and critical analysis of selected research in one of the following areas: curriculum, mathematics, science, language arts, social, or early childhood education.

9000 Thesis Research (1-12 per sem.) $7’4” grading.

9000 Dissertation Research (1-12 per sem.) $7’4” grading.

**DISASTER SCIENCE AND MANAGEMENT • DSM**

2000 Hazards, Disasters, and the Environment (3) Also offered as GEOG 2000. Exploration of the interaction processes between natural and technological hazards and society that cause disasters. Introduction to natural and technological hazards and disasters; hazards and disaster management; environmental considerations and impacts.

2010 Fundamentals of Emergency Management (3) Introduction and overview of emergency management functions and processes in federal, state, and local governments; roles and responsibilities in disaster planning, recovery, and critical management issues in effective response and recovery to natural and manmade disasters.

2020 Terrorism and Counter-Terrorism (3) Terrorism and its origins; consequences of modern terrorist attacks and campaigns; ideological and religious justifications for terrorism; domestic versus international terrorist networks; state sponsored terrorism; factors contributing to the successful prescription and disruption of terrorist attacks and networks.

2300 Technology and Emergency Management (3) Application of technology that may be applied in emergency planning, response, recovery, mitigation; current and emerging technology applications; special issues and problems associated with the use of technology in emergency management.

3900 Disaster Science and Management Internship (3) Prereq.: DSM 2000 and 2010; or 2030; or equivalent. Faculty supervised field study with an agency or organization; examination of models, teaching strategies, and resources for planning appropriate learning experiences for gifted and talented students in diverse settings.

7262 Creative Behavior (3) V Nature and analysis of creative behavior; appraisal and implementation of specific processes designed to enhance creative productivity.

7763 Developing Curriculum for the Gifted (3) Su Prereq.: EDCI 7761. An examination of curricular theories and methods for use in gifted education programs, including the development and evaluation of educational plans for individuals and groups.

7764 Social and Emotional Development of the Gifted (3) S Prereq.: EDCI 7760. In depth study of the social and emotional development of the gifted; specific emphasis on underachievement, counseling, youth with special needs, and working with other mental health professionals in the school setting.

7768 Practicum in Education for the Gifted (3-6) V Prereq.: EDCI 7760, 7761, and 7762. Planning, implementing, and evaluating teaching strategies, materials, and counseling techniques in a school program.


8111 Seminar in Current Trends in Education Literature (3) Seminar for beginning doctoral students in curriculum and instruction. May be taken for a max. of 6 hrs. of credit when topics vary.

8211, 8722 Problems in Curriculum and Instruction (2-4, 2-4) A Advanced graduate students who are qualified to undertake individual problems.

8242 Elementary School Curriculum (3) Content, organization, and evaluation of the elementary school curriculum.

8252 Secondary School Curriculum (3) Content, organization, and evaluation of the secondary school curriculum.

8330 Seminar in Special School Instruction (3) For advanced students in elementary and secondary education with special interest in the instructional program for early adolescents.

7843 Early Childhood Education (3) See HUEC 7843.

844 Creativity in Early Childhood Education (3) Role of creativity in designing the educational environment for young children; philosophy, teaching techniques, and instructional planning; role of parents, teachers, and today's multicultural society in the development of creativity.

845 Teaching Concepts in Early Childhood (3) Methods and models for teaching the basic concepts of mathematics, science, and social studies concepts in the early childhood curriculum.

846 Diagnostic Teaching in Early Education (3) Prereq.: EDCI 7721. Analysis of diagnostic and prescriptive instruction.

9000 Thesis Research (1-12 per sem.) $7’4” grading.

9000 Dissertation Research (1-12 per sem.) $7’4” grading.

**ECONOMICS • ECON**

General education courses are marked with stars (★).

★ 2000 Principles of Microeconomics (3) An honors course with special honors emphasis for qualified students. Credit will not be given for both this course and ECON 2001, 2020 or 2030. Study of how households and firms make decisions and how they interact in specific markets; theories of production price determination, trade, externalities, and public goods.

2011 HONORS: Principles of Microeconomics (3) Same as ECON 2000, with special honors emphasis for qualified students. Credit will not be given for this course and ECON 2000.

★ 2010 Principles of Macroeconomics (3) Prereq.: ECON 2000 or 2001. An honors course. ECON 2011, is also available. Credit will not be given for this course and ECON 2011 or 2030. Study of economy-wide phenomena, including inflation, unemployment, the monetary system, economic growth, international trade and finance.

★ 2011 HONORS: Principles of Macroeconomics (3) Same as ECON 2010. An honors course. ECON 2011, is also available. Credit will not be given for both this course and ECON 2010 or 2020 or 2030. Economic understanding of both micro- and macroeconomic principles; problems associated with monetary policy, fiscal policy, public finance, government and business, labor, international trade, economic growth, and comparative economic systems.

★ 2031 HONORS: Economic Principles (3) Honors course. ECON 2031, is also available. Credit will not be given for both this course and ECON 2030 or 2031 or 2035. Economic understanding of both micro- and macroeconomic principles; problems associated with monetary policy, fiscal policy, public finance, government and business, labor, international trade, economic growth, and comparative economic systems.

2035 Money, Banking, and Macroeconomic Activity (3) Prereq.: ECON 2001, 2010, or 2030. Also offered as ECON 2036. An honors course. ECON 2035, is also available. Credit will not be given for both this course and ECON 2035 or 2036. Role of money and banking in the economy, the central bank in affecting the performance of the economy; relationships of money and fiscal policy to prices, productive relationships, and external and internal effects of U.S. fiscal and monetary policy.

2036 HONORS: Money, Banking, and Macroeconomic Activity (3) Same as ECON 2035 with special honors emphasis for qualified students. Credit will not be given for this course and ECON 2035.

3999 Independent Study: Economic Problems (1-3) May be taken for credit for a max. of 6 sem. hrs. for under-graduate students with a grade point average of 3.00 or above. Independent economic research and study under the direction of a faculty member.

4010 The United States—Its Economic Growth (3) Prereq.: ECON 2000 and 2010, or equivalent. The American economy; modern problems dealing with money and banking, taxation, labor, international trade, and American position in world affairs.


4025 The Russian Economy in the 20th Century (3) Prereq.: ECON 2000 and 2010, or equivalent. Economic development of the Soviet Union (restructuring) under Gorbachev; current economic conditions.

4030 Development Economics (3) Prereq.: ECON 2000 and 2010, or equivalent. Theories of social and technological factors affecting development of the third world.

4040 Economic Development Policy (3) Prereq.: ECON 2000 and 2010, or equivalent. Specific concerns of U.S. and other advanced industrialized countries in the economic development of...
Economic Forecasting (3) Prereq.: ECON 2000 and 2010 or 2030. Analysis and combination forecasting. Comparison of both old and new growth theory and convergence of income levels across countries.

American Economic History to 1860 (3) See HIST 4075.

American Economic History, 1860 to the Present (3) See HIST 4150.

Public Finance (Prereq.: ECON 2000 and 2010 or 2030. Economic theory applied to the private market and to the public sector; public goods, efficiency, voting, externality principles of taxation, benefit-cost analysis, and policy analyses of current issues.

Federal, State, and Local Taxation (Prereq.: ECON 2000 and 2010 or 2030. Administration, fiscal importance, and economic effects of federal, state, and local taxes; emphasis on recent tax trends at each level of government and on significance of these trends for individuals and the nation.

Regional and Economic Regions (Prereq.: ECON 2000 and 2010 or 2030. Problems of American workers; attempts of wage earners and society to alleviate and solve these problems through organization and legislation.

Wage Economics (Prereq.: ECON 2000 and 2010 or 2030. The labor market; labor supply and demand, human capital, racial and sex discrimination, effects of minimum wage laws, causes of various wage and employment differentials.

Economics of Human Resources (Prereq.: ECON 2000 or 2030. Theory of human resource and economic theory to human resource management and internal labor market; topics include hiring, training, pay, promotion, layoffs, and termination from an economic perspective.

Environmental Economics (Prereq.: ECON 2000 and 2010 or 2030. Analysis of environmental and resource problems; cost-benefit and other empirical techniques used to examine these problems.

Industrial Organization and Public Policy (Prereq.: ECON 2000 or 2030. Utilization of empirical research and economic theory to human resource management and internal labor market; topics include hiring, training, pay, promotion, layoffs, and termination from an economic perspective.

Health Care Economics (Prereq.: ECON 2000 and 2010 or 2030. Economics of health care with particular emphasis on demand and supply sectors and include an aggregate demand and supply model; application of the firm.

Economics of Labor and Employment (Prereq.: ECON 2000 and 2010 or 2030. The role of the firm, perfect competition, monopoly, collusion and collusive strategies, strategic interaction, auctions, durable goods, predation, historical economics, and empirical economics.

Health Care Economics (Prereq.: ECON 2000 and 2010 or 2030. Economics of health care with particular emphasis on demand and supply sectors and include an aggregate demand and supply model; application of the firm.

Economics of Health Care (Prereq.: ECON 2000 and 2010 or 2030. Economics of health care with particular emphasis on demand and supply sectors and include an aggregate demand and supply model; application of the firm.

Economics of Natural Resources (Prereq.: ECON 2000 and 2010 or 2030. National income and product accounting; national income determination, and multiple regression; emphasis on the pure theory of econometrics; mathematical analysis of regression model; autoregressive and moving average processes; distributed lags; economic effects of federal, state, and local policies; state and local fiscal systems; public finance theory; parking, and welfare using an advanced mathematical model.

Health Care Economics (Prereq.: ECON 2000 and 2010 or 2030. Economics of health care with particular emphasis on demand and supply sectors and include an aggregate demand and supply model; application of the firm.

Economic Development (3) Prereq.: consent of instructor. Third world development from neoclassical, neomarxist, and neorealism perspectives.

Advanced Topics in Economic Theory (3) See FIN 7785.

Seminar in Monetary and Fiscal Policy (Prereq.: ECON 7610 and 7670. Determining money and fiscal policy; effect on the economy; monetary targets and indicators; role of interest rates in understanding monetary policy; sectoral impacts of monetary policy; role of fiscal policy in the economy.

Contemporary Economic Theory (3) Prereq.: consent of instructor. Economic development of resources, transport and pricing, and welfare using an advanced mathematical model.
on classical followers of Smith, Marx, 19th century positivism and socialism, the marginal revolution.

7799 School Counseling Problems (3) May be taken for a max. of 6 hrs. of credit.

8900 Pre-dissertation Research (1-9) May be repeated for credit up to a max. of 9 sem. hrs. of credit.

9000 Dissertation Research (1-12 per sem.) 8YU* grading.

EDUCATION • EDUC

2000 Special Topics in Education (1-3) Prereq.: consent of instructor. May be taken for a max. of 6 hrs. of credit. Topics vary. Methods, trends, and issues in education.

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. May be repeated for credit when topics vary. Methods, trends, and issues in education.

7299 Introduction to Scholarship in Education (3) Consent of instructor, open to PhD or EdD students in the department, or permission of instructor. Introduction to scholarship in education and to demands and expectations of doctoral study.

7612 Advanced Education Theory (3) Prerequisites: ELRC 6650 and cons. development of students in the higher education environment, including theories and research related to intellectual, moral, ego, physical, emotional, 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, bibliographies, which are 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 faculty member.

8800 Thesis Research (1-12 per sem.) 8YU* grading.

9000 Pre-dissertation Research (1-9) Prereq.: consent of department.

9000 Dissertation Research (1-12 per sem.) 8YU* grading.

COUNSELOR EDUCATION

4360 Introduction to School Counseling (3) F Introduction to the design, implementation, management, and evaluation of comprehensive programs and assistance for the practitioner in solving special problems in school organization.

7299 Introduction to Scholarship in Education (3) Consent of instructor, open to PhD or EdD students in the department, or permission of instructor. Introduction to scholarship in education and to demands and expectations of doctoral study.

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