**5460. Correctional Programs.** 3 hours. Examines the content and purposes of educational, religious, cultural, psychiatric and treatment programming for adult and juvenile offenders in institutions and the community. Methods of handling special needs offenders receive attention, as does the efficacy of such programs in controlling recidivism.

**5470. Seminar on Juvenile Delinquency.** 3 hours. Problems of definition and measurement, etiological theories, processing of delinquents, and treatment and prevention. (Same as SOCI 5470.)

**5500. Seminar in Criminal Justice Administration.** 3 hours. Critical application of selected analytical tools in administering justice agencies; studies of the application of human and financial resources, productivity, measurement and enhancement, and organization design, culture and change in the context of criminal justice agencies. (Same as SOCI 5600.)

**5600. Advanced Criminological Theory.** 3 hours. An examination of the major theoretical explanations of criminality, the distribution of crime, and the behavior of justice agencies. (Same as SOCI 5600.)

**5620. Seminar in Victimology.** 3 hours. The role of the victim in various types of crime, predators and treatment of trauma, and the treatment of victims by criminal justice agencies. Political impact of the victims' movement on the justice systems and the distribution of victims across demographic and behavioral groups. (Same as SOCI 5620.)

**5700. Evaluation and Research Methodologies.** 3 hours. Quantitative and qualitative methods of gathering and analyzing data on crime and the justice system, with special attention devoted to evaluation methods.

**5750. Criminal Justice Statistics.** 3 hours. Explores the theory, practice and application of statistical analysis to the field of criminology and criminal justice. The student learns how to conduct independent statistical testing, understand the applications of statistics to research methods and the use of statistics in criminal justice. Prepares the student to conduct independent statistical analysis for criminal justice agencies or research purposes and to be able to use computer programs in statistical analysis and research.

**5800. Topics in Criminal Justice.** 3 hours. Content varies as course covers specific issues of current interest and concern in criminal justice and criminology. May be repeated for credit as topics vary.

**5850. Directed Studies.** 3 hours. Individual research and writing on selected topics under faculty supervision.

**5950. Master’s Thesis.** 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. Prerequisite(s): CJUS 5750. May be repeated for credit.

---

**Dance and Theatre Arts**

**Dance, DAN C = 0125**

**5110. Critical Analysis of Professional Literature.** 3 hours. Analysis and philosophical criticism of the literature in the student’s major area and other related fields. Extensive reading assignments and discussion of published and unpublished research.

**5200. Improvisation as a Basis for Choreography.** 3 hours. A non-technical course dealing with advanced improvisational problems relating to gesture, body exploration, spatial and rhythmic exploration, group interaction and communication of time, space and motion.

**5210. Principles of Dance Theatre.** 3 hours. (3;2) Theoretical and creative aspects of choreography. Concepts relating to the development of creativity and artistic integrity in dance. The dual emphasis concerns large-group works and experimental forms. Prerequisite(s): DANC 1400, 2400 or 3400. Lecture and movement 3 hours per week plus a minimum of 60 clock hours in a movement laboratory.

**5250. Philosophy and Criticism of Dance.** 3 hours. In-depth examination and critical analysis of philosophical approaches and resultant aesthetics of performance and choreography through observation of dance performances and study of aesthetic theories and criticism.

**5300. Kinesiology and Biomechanics of Dance Injuries.** 3 hours. Factors of stress, force, motion, equilibrium and leveraging affecting incidence and cause of injuries noted in dancers. Prevention, immediate care and rehabilitation of common injuries seen in the studio. Prerequisite(s): concurrent enrollment in DANC 1400, 1410, 2400 or 2410. Lecture and movement 3 hours weekly plus a minimum of 60 clock hours in a movement laboratory.

**5400. Survey of Performing Arts Management.** 3 hours. A survey course designed to point out the needs, values and roles of the managerial position in a performing arts organization, with special reference to the administration of professional dance.

**5800. Studies in Dance.** 1-3 hours each. Organized classes specifically designed to accommodate the needs of students and the demands of program development that are not met by the regular offerings. Short courses and workshops on specific topics, on a limited-offering basis, to be repeated only upon demand. May be repeated for credit.

**5900-5910. Special Problems.** 1-3 hours each. Problems must be approved by department chair.

---

**Theatre Arts, THEA = 0126**

**5000. Research Methods in Dance and Theatre Arts.** 3 hours. Historical, investigative and empirical methods of research for dance and theatre arts scholars or artists. Quantitative analysis. Survey of dramatic and critical literature. Required of all majors in theatre arts the first fall semester of their graduate enrollment.
5260. Asian Theatre. 3 hours. Plays, playwrights, actors and other theatre artists in relation to the cultures of Japan, China, Indonesia, Southeast Asia and India. Theatre architecture and the use of environmental spaces for theatrical performances. Emphasis on theory and criticism of dramatic art.

5300. World Theatre to 1750. 3 hours. Plays, playwrights, actors and other dramatic artists in relation to world cultures. Theatre architecture. Emphasis on the relationship between premodern theories and criticism, and the theories and criticism of the 20th century.

5310. World Theatre After 1750. 3 hours. Plays, playwrights, actors and other dramatic artists in relation to specific cultures. Theatre architecture. Emphasis on 20th-century theories and criticism as they developed from earlier historical periods.

5320. American Theatre. 3 hours. The history and technical development of the theatre in America.

5330. Play Analysis for Design and Production. 3 hours. (3:2) Independent planning and production of plays in various styles and modes. Special problems in directing. Prerequisite(s): 6 advanced undergraduate hours of directing or consent of department.

5340. Contemporary Theatre Criticism. 3 hours. Experimental and new trends in playwriting, production and criticism.

5350. Theatre Management. 3 hours. Design, organization and administration of commercial, regional, community, educational and touring theatre programs or companies. Management of fine arts centers.

5360. Principles of Stage Design. 3 hours. (3:2) History and theory of stage design with emphasis on problems of period and style. Independent production assignments.

5370. Principles of Stage Lighting. 3 hours. (3:2) History and theory of lighting stage presentations with emphasis on problems of period and style. Independent production assignments.


5390. Theatre for Children, Youth and Teachers. 3 hours. (3:2) Improvisation, play production, playwriting and creative dramatics as tools for teaching a variety of subjects. Emphasis on preparing the classroom or laboratory performance.

5410. Principles of Theatrical Costume Design. 3 hours. (3:2) History, theory and practice of costume design for dance, drama and film. Selected problems in design concept and approach, including modern interpretive development, using written and artistic resources. Practical application with rendering and craft techniques developed.

5460. Studies in Playwriting. 3 hours. (3:2) Principles and practices governing the art of writing for dramatic presentations. The scriptwriting process from proposal to production. Study of historical and contemporary models. Marketing techniques. Prerequisite(s): consent of department. May be repeated twice for credit.

5500. Seminar in Dance and Theatre Arts. 3 hours. Rotating topics. Representative topics include dance and theatre arts criticism, playwriting for non-theatrical media, history of theatrical design and classroom performance for teachers. May be repeated for credit.

5750. Practicum in the Teaching of Theatre Arts. 3 hours. (3:2) Training in the teaching of dance and theatre arts. Under the supervision of a faculty member the student prepares and presents instructional units, conducts class and laboratory activities, practices interscholastic competition and handles administrative matters peculiar to theatre arts. No more than 3 hours may be applied to a master’s degree. Duties performed for a teaching or technical fellowship or assistantship may not earn credit for, or be part of, this course.

5900-5910. Special Problems. 1-3 hours each. Problems must be approved by department chair.

5920-5930. Research Problems in Lieu of Thesis. 1-3 hours each.

5950. Master’s Thesis. 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit.

---

Development, Family Studies and Early Childhood Education

see Counseling, Development and Higher Education

Earth Science

see Geography

Economics, ECON = 0128

5000. Economic Concepts. 3 hours. Theory of the firm under different market structures; demand theory, the Keynesian model and the money system.

5020. Seminar on Economic Data Acquisition and Analysis. 3 hours. Collection and analysis of economic data. Application of statistical and economic analysis to wide array of data, including monetary, unemployment, GNP, industrial productivity and inflation. Prerequisite(s): ECON 3550 and 3560 or consent of department.

5030. Microeconomic Analysis. 3 hours. Theory of the firm relating to production and employment; consumer behavior and related concepts of microeconomic efficiency. Prerequisite(s): ECON 1100-1110 or 5000. Usually offered fall and spring semesters and summer I session.

5040. Macroeconomic Analysis. 3 hours. National income determination and measurement, macroeconomic stabilization policy and macroeconomic theory. Prerequisite(s): ECON 1100-1110 or 5000. Usually offered fall and spring semesters and summer II session.
5050. Seminar on Contemporary Economic Problems. 3 hours. Investigation, analysis and discussion of significant problems in contemporary economics. Prerequisite(s): consent of department. May be repeated for credit.

5070. Comparative Economic Systems. 3 hours. An examination of the theoretical foundations, structure and performance of various economies of the world. Theoretical coverage emphasizes decision making, price systems, planning, information and motivation, rather than an ideological approach. Topics of modern capitalism are covered, as well as the non-Western economies of the former Soviet Union, Eastern Europe and China. Individual readings and research required. Prerequisite(s): ECON 1100-1110 or consent of department. Students may not receive credit for both ECON 4100 and 5070. Usually offered spring semester.

5090. Seminar on the History of Economic Thought. 3 hours. The development of economic thought since the Middle Ages. Prerequisite(s): ECON 1100-1110 or consent of department. Students may not receive credit for both ECON 4510 and 5090. Usually offered spring semester.

5100. Seminar on Contemporary Economic Thought. 3 hours. The development of economic thought since 1900. Prerequisite(s): 6 semester hours of advanced economics.

5140. Managerial Economics. 3 hours. Integrates microeconomic theory with accounting, finance, marketing and production management. Incremental reasoning to decision making under uncertainty. Prerequisite(s): ECON 3550 or 5030. Students may not receive credit for both ECON 4140 and 5140. Usually offered spring semester.

5150. Public Economics. 3 hours. Analysis of theoretical foundations, structure and performance of public sector. Includes issues of public choice theory, market failures, taxing, spending, borrowing and subsidies. Individual readings and research required. Prerequisite(s): ECON 1100-1110 or consent of department. Students may not receive credit for both ECON 4150 and 5150. Usually offered fall and spring semesters and summer II session.

5160. Public Choice Economics. 3 hours. Course surveys the emergence and significance of the public choice approach to the analysis of government, develops the major theoretical predications/implications of the approach and consults empirical research to evaluate the findings. Includes discussions of social choice and voting, logic of collective action, rent-seeking behavior, legislator voting, market failure and government failure. Students acquire a deeper grasp of economic theory and a richer understanding of political processes and events. Prerequisite(s): ECON 3550 or 5030. (Same as PSCI 6000.)

5170. Seminar in the Economics of Taxation and Tax Policy. 3 hours. Topics in tax policy, such as comprehensive tax base, consumption taxes, VAT taxes, equity and efficiency issues, tax rules and how they influence investment and consumption decisions. Prerequisite(s): enrollment in MS accounting or consent of instructor. Usually offered spring semester and summer II session.

5180. Economics of Health Care. 3 hours. Application of economic theory and analysis to the financing and delivery of medical care. Emphasis on the use of economic concepts to understand public policy issues in medical care. Students may not receive credit for both ECON 4180 and 5180. Usually offered fall semester.

5210. Seminar on Labor Area Economics. 3 hours. Individual research in contemporary labor force problems; national and regional labor markets; remedial and curative labor policies. Prerequisite(s): 6 hours of advanced economics or consent of department.

5250. Advanced Labor Seminar. 3 hours. Designed to meet the needs of students prepared to do advanced and specialized work in the field of contemporary labor problems, legislation and labor theory. Prerequisite(s): 6 hours of advanced economics and consent of department chair. Usually offered spring semester.

5270. Seminar in Labor and Industrial Relations Problems. 3 hours. Broad, interdisciplinary aspects of labor and industrial relations problems as currently emphasized by economic, social, political and business conditions. Wide variety of resource personnel from each of the academic disciplines, business, labor and government, and administrators who are experienced specialists in their areas.

5280. Research Seminar in Labor and Industrial Relations Problems. 3 hours. Research methodologies and problems in the areas of labor and industrial relations. Practical primary research is required of each student. Prerequisite(s): consent of department.

5330. Advanced Macroeconomic Theory. 3 hours. Rigorous theoretical treatment of mainstream theory and method. Theories of national income determination, rational expectations, fiscal and monetary policies, inflexible wages and prices, consumption, investment, the inflation-unemployment tradeoff and business cycles. Prerequisite(s): ECON 3560 or 5040, 4020 or consent of department. Usually offered fall semester.

5340. Advanced Microeconomic Theory. 3 hours. Microeconomic theory and its applications. Emphasizes the logical structure of microeconomics and the formal specification of microeconomic problems. Special topics may include intertemporal choice, uncertainty and risk analysis; industrial organization and antitrust policy; advanced managerial economics; cost-benefit analysis. Prerequisite(s): ECON 3550 or 5030 and 5600, or consent of department. Usually offered spring semester.

5400. Advanced Monetary Theory and Policy. 3 hours. Classical and contemporary monetary theory; theoretical and policy problems in the area of money and credit; selected current topics in macroeconomics; applications to both the domestic and international economies. Prerequisite(s): ECON 4020 or equivalent, or consent of department.

5440. Economics of Natural Resources and Environment. 3 hours. Natural resource management and use: problems of renewable and non-renewable resources, including scarcity and market responses, role of property rights, externalities, benefit-cost analysis and energy policy with emphasis on Texas. Analysis of environmental problems and policy formulation. Prerequisite(s): ECON 1100-1110 or consent of department. Students may not receive credit for both ECON 4440 and 5440. Usually offered fall semester.
5460. Industrial Organization and Public Policy. 3 hours. Emphasizes relationships between structure, conduct and performance of industries. Topics include concentration, barriers to entry, pricing, mergers, product differentiation, technical change, antitrust and regulation. Case studies of selected American industries illustrate the theory and public policy implications. Individual readings and research required. Prerequisite(s): ECON 3550 or consent of department. Students may not receive credit for both ECON 4460 and 5460. Usually offered spring semester.

5600. Mathematical Economics. 3 hours. Mathematical approaches to economic theory: models of production, consumer choice, markets and pricing; simple macroeconomic models. Prerequisite(s): ECON 3550 and 3560, or consent of department. Usually offered fall semester.

5630. Research Methods. 3 hours. Research methodology for business and the social sciences. Topics include research design; techniques of exploratory data analysis: measures of association; a survey of multivariate factor, discriminant and clustering procedures; and an introduction to linear regression analysis. Prerequisite(s): 3 hours of college statistics or consent of instructor. Offered fall semester only.

5640. Multivariate Regression Analysis. 3 hours. Application of multivariate regression analysis to issues in business and the social sciences. Topics include estimation and analysis of linear models under ideal and non-ideal conditions, instrumental variables estimation and estimation of models with limited dependent variables. Emphasis is placed upon the application of computer technology to practical problems in forecasting and policy analysis. Prerequisite(s): 3 hours of college statistics or consent of instructor. Offered fall semester only.

5650. Advanced Econometrics. 3 hours. Comprehensive examination of the theory and practice of econometrics. Topics include estimation and analysis of the general linear statistical model, estimation of simultaneous equations models and estimation of models with limited dependent variables. Prerequisite(s): ECON 5600 and 5640 or equivalent. Usually offered spring semester.

5660. Economic Forecasting. 3 hours. Time series analysis and forecasting methodologies applied to problems in business and the social sciences. Topics include smoothing techniques, classical decomposition methods, Box-Jenkins estimation and simulation techniques. Emphasis is placed upon the application of forecasting and simulation methodologies to economic and business data through the use of microcomputer technology. Prerequisite(s): ECON 5640 or equivalent. Usually offered spring semester.

5670. Topics in Empirical Econometrics. 3 hours. Analysis, interpretation and development of empirical applications of econometric estimation procedures with emphasis on the examination of real-world economic phenomena and a focus on applied procedures including: dummy variables and structural change, heteroskedasticity, autocorrelation, simultaneous equations and causality, logit, probit, Tobit and panel data. Prerequisite(s): ECON 5650. Usually offered fall semester.

5700. Economic Development. 3 hours. General analysis and survey of development theories, problems and policies involved with those countries that have not yet attained the level of economic well-being and integration observed in the United States. Individual readings and research required. Prerequisite(s): ECON 1100-1110 or consent of department. Students may not receive credit for both ECON 4600 and 5700. Usually offered spring semester.

5750. Regional Economics. 3 hours. Economic analysis applied to regional problems; problems and techniques relevant to the Southwest economy. Individual readings and research required. Prerequisite(s): ECON 1100-1110 or consent of department. Students may not receive credit for both ECON 4650 and 5750. Usually offered fall semester.

5850. International Trade. 3 hours. Examines the nature and theoretical foundations of modern trade between nations. Topics to be covered include patterns of international trade and production, welfare implications of trade, impacts of tariffs and quotas, balance of trade and balance of payments issues. Analysis of trade implications of international monetary systems, multinational corporations, exchange rates and economic implications of political action. Individual readings and research required. Prerequisite(s): ECON 1100-1110 or consent of department. Students may not receive credit for both ECON 4850 and 5850. Usually offered fall and spring semesters and summer term I.

5880. Seminar on Current Health Care Economics Research. 3 hours. Topics include health care reform; problems associated with health insurance markets; alternative health care financing systems in the United States and other countries; health care regulation by the states; universal health care coverage; and the “public goods” nature of health care. Topics are subject to change depending on the current trends in the field and relevancy to students’ interests. The course includes presentations and discussion of the student’s research papers. Prerequisite(s): ECON 4180 or 5180.

5900-5910. Special Problems. 1-3 hours each. Open to advanced students capable of doing independent research under the direction of the instructor. To be registered for only on recommendation of the department chair.

5920-5930. Research Problems in Lieu of Thesis. 3 hours each. Required of Master of Science candidates majoring in economic research or labor and industrial relations who choose not to take the exit exam (Option 1). A problem in lieu of thesis with an emphasis on empirical studies will be written and submitted. Prerequisite(s): consent of department.

5950. Master’s Thesis. 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit. Required for Master of Arts and Master of Science in economics.

5960-5970. Economics Institute. 1-6 hours each. For students accepted by the university as participants in special institute courses. May be repeated for credit, but not to exceed a total of 6 hours.