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### **699 (6) Thesis**

For students completing the Masters or Specialist degree using the thesis option.

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## **ECONOMICS**

*College of Social & Behavioral Sciences  
Economics Department*

150 Morris Hall • (507) 389-2969

Chair: Ved Sharma, Ph.D.

Mohamed Askalani, Ph.D., Ashok Chowdhury, Ph.D., Steven Hickerson, Ph.D., Donald Renner, Ph.D., Richard Schiming, Ph.D., Robert Simonson, Ph.D., Arlen Skorr, Ph.D., Gerald Smith, Ph.D., Arnold Wells, Ph.D.

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Admissions to the MA program in Economics are currently suspended. Students may use economics courses as electives in other programs or as part of a Multidisciplinary Studies program.

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### **COURSE DESCRIPTIONS**

#### **503 (3) Labor Problems**

Employment, wages, and economic security. The structure and impact of labor organizations and labor legislation.

Pre: ECON 201 and 202

#### **504 (3) Economics of Human Resources**

Quantitative and qualitative aspects of human resources; human capital; changing population structure; economic decisions within the household; intergenerational transfers; earnings differentials by race and gender; pensions and social security; public policy towards human resources.

Pre: ECON 201,202

#### **505 (3) Monetary Analysis**

A detailed examination of the Federal Reserve System and monetary policy. The topics will include a history of the Federal Reserve and its monetary tools and strategies: Monetarism, the demand for money, the money supply process, and the impact of financial deregulation on federal policy.

Pre: ECON 305

#### **506 (3) Collective Bargaining**

Emphasis on philosophy, structure, process of negotiation, grievances, arbitration, important developments and trends, and economic impact of collective bargaining.

Pre: ECON 201 and 202

#### **508 (3) Government Regulation of Labor Relations**

A historical review of the past public policy concerning labor organizations, an analysis of the economic causes and effects of the negotiations of

labor, current economic problems in labor legislation, and the role of federal and state governments in the industrial relations.

Pre: ECON 201 and 202

#### **510 (3) Quantitative Analysis in Economics**

This course will introduce the student to the use of mathematics in economic analysis. Topics include equilibrium analysis, metric algebra and linear models, comparative statistics and derivatives, optimization, dynamics and integration, and first-order differential equations.

Pre: ECON 355, 356, 207, and MATH 112

#### **511 (3) Urban Economics**

Economics forces which account for the development of cities and application of principles to some of the major problems of the modern urban community.

Pre: ECON 201 and 202

#### **512 (3) Resource and Environmental Economics**

Concepts and techniques for evaluating the alternative uses, management and development of natural resources.

Pre: ECON 201 and 202

#### **520 (3) International Economics**

The economic rationale for interregional trade: emphasis on current problems.

Pre: ECON 201 and 202

#### **525 (3) Social Control of Economic Activity**

Considers the role of government in the implementation of social values such as freedom, equality, efficiency and justice in those areas where markets are imperfect or fail. Theoretical, historical and philosophical treatment of these issues as manifested in the development of the antitrust laws and economic and social regulation.

Pre: ECON 201 and 202

#### **529 (3) Economic Education**

Fundamental ideas and structure of economics with emphasis on the application of such ideas in the K-12 school curriculum.

#### **540 (3) Public Finance**

Public expenditures, taxes and other revenues, debts and financial administration at federal, state, and local levels.

Pre: ECON 201 and 202

#### **545 (3) Survey of Economic Ideas**

A survey and analysis of the development of economic ideas treated in historical perspective.

Pre: ECON 201 and 202

#### **546 (3) American Economic Development**

An examination of major trends and events of U.S. history from colonial times to the present, using tools of economic analysis. Major topics include role of transportation, economic impact of the Civil War, role of government in the economy, trends in money and

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banking, and the Great Depression.

Pre: ECON 201 and 202

**550 (3) Economic Development**

Economic underdevelopment and the relationships between mature economies and developing nations.

Pre: ECON 201, 202

**562 (3) Econometrics**

The study of methods and techniques for building econometric models with the goal of forecasting and measurement of the economic relationships by integrating economic theory and statistics in it.

Pre: ECON 201, 202, and 207

**571 (3) Economic, Ethics and Society**

Analysis of theoretical constructs of society and economics. Specific attention will be given to economic questions which have a specific relationship to policy questions and the discrimination of values.

Pre: ECON 201 and 202

**580 (1-3) Seminar in Economics**

Pre: ECON 201 and 202

**605 (3) Managerial Economics**

To develop and integrate principles and ideas from economics and business and to apply them to management-making decisions and policy formulation within the firm.

Pre: ECON 201 and 202

**606 (3) Applied Macroeconomics**

Application of macroeconomics models to analyze current consumer investment and foreign trade behavior. Emphasis on effects of government policy upon interest rates, taxes, foreign trade, the distribution of income and wealth, and the impact of a changing population.

Pre: ECON 201 and 202

**622 (3) Statistical Analysis for Business and Research**

A comprehensive course in research design in business and in the application of statistical methods in business decision making. Data files handling and data analysis using mainframe and PC based computer packages such as SPSS will be integrated and emphasized throughout the course.

Pre: ECON 207, and MATH 112

**655 (3) Microeconomic Theory**

This course provides the student with an understanding of microeconomic theory. Among the topics covered are optimization, consumer theory, the theory of production and the firm, perfect and imperfect competition, monopoly, factor markets, economic efficiency and market failure, social choice theory, and social welfare.

Pre: ECON 355 and 510

**656 (3) Macroeconomic Theory**

This course provides the student with an understand-

ing of macroeconomic theory. Among the topics covered are goals and measurement, business cycles, aggregate demand and supply, Classical and Keynesian analyses, and stabilization theory and policy.

Pre: ECON 356 and 510

**660 (1-3) Seminar**

**670 (1) Alternate Plan Paper/Thesis Proposal Seminar**

Designed for students engaged in meeting the thesis/alternate plan paper requirement for the MBA degree. Each student will select, outline, research and present a proposal on the paper/thesis they will write.

Advisor's permission and a submitted plan of study are required for enrollment.

Pre: ECON 622

**677 (1-3) Individual Study**

Pre: ECON 201 and 202

**680 (2) Cost-Benefit Analysis**

This course provides the student with an understanding of the application of economic analysis to the evaluation of private projects and public programs. Among the topics covered are the theory and practice of cost-benefit analysis, the evaluation of private projects and public programs, shadow prices, economic and environmental impact studies and regulatory issues.

Pre: ECON 355

**681 (1-3) Readings in Economics**

**694 (1) Alternate Plan Paper**

**698 (1-5) Internship**

**699 (3) Thesis**

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## EDUCATIONAL FOUNDATIONS

*College of Education*

*Educational Foundations Department*

313 Armstrong Hall • 507-389-6304

**Chair:** Darrol Bussler, Ph.D.

Johnson Afolayan, Ph.D., Darrol Bussler, Ph.D., Dorothy Engan-Barker, Ph.D., Marcia Gentry, Ph.D., Mary Manke, Ph.D., Guynel Reid, Ph.D.

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Dedicated to the development of knowledgeable, skilled, and caring educators, the Department of Educational Foundations focuses on facilitating and enhancing students' understanding of educational theory and practice, providing opportunity for demonstration of professional skills, and eliciting and strengthening dispositions related to professional efficacy.

The Department of Educational Foundations provides