

BUSINESS-ECONOMICS (ECO)

ECO 100 - Introduction to Economics (3.0 hours)

Core Curriculum: SB

Nature, scope, and methods of economics; current economic institutions, problems, and policies. Students who have already completed ECO 221 and/or 222 will not receive credit for this course.

Prerequisite: Not open to College of Business majors.

ECO 199 - Foundational Topics in Economics (3.0 hours)

Foundational topics of interest which may vary each time course is offered. Topic stated in current Schedule of Classes.

ECO 215 - Introduction to Risk Management and Insurance (3.0 hours)

This course covers four broad categories: Foundations of insurance and risk, the private insurance industry, managing individual life and health risk with insurance and managing personal property and liability risk with insurance.

ECO 221 - Principles of Microeconomics (3.0 hours)

Core Curriculum: SB

An introduction to theoretical and applied analyses of microeconomics, including supply and demand analysis, elasticities, firm costs and profit maximization, market structures, wage determination, and market failures such as externalities, public goods, and monopoly power.

Prerequisite: Not open to students with ECO 100.

ECO 222 - Principles of Macroeconomics (3.0 hours)

Core Curriculum: SB

An introduction to theoretical and applied analyses of macroeconomics, including determinants of overall economic activity and growth, market analysis, national income accounting, employment, inflation, monetary and fiscal policies, and international economics.

ECO 240 - Environmental Economics and Sustainability (3.0 hours)

This course combines the economic analysis of the environment with the economics of sustainability. Environmental and sustainability economics considers the efficient and equitable use of society's scarce resources. Cannot receive credit for both ECO 240 and 340.

ECO 300 - Economics Colloquium for Juniors (1.0 hour)

Student-faculty discussion of books and articles concerning significant economic ideas and issues not examined in depth in other courses.

Prerequisite: Economics major, junior standing.

ECO 301 - Money and Banking (3.0 hours)

Real and financial sectors of the economy. Emphasis on structure and process of financial intermediation and related policy issues.

Prerequisite: ECO 100 or 221; ECO 222; junior/senior standing.

ECO 310 - Labor Economics (3.0 hours)

This course is an overview of labor economic theory and its practical applications. The course will concentrate on labor supply and labor demand and how economic conditions affect labor markets and individual labor supply and demand decisions. Topics of interest include: human capital, firm compensation policies, labor market discrimination, labor unions and unemployment.

Prerequisite: ECO 100 or ECO 221; ECO 222; junior/senior standing.

ECO 325 - Urban Economics (3.0 hours)

Origins, economic structure, and functions of urban centers; selected economic problems and policies.

Prerequisite: ECO 100 or ECO 221; ECO 222; junior/senior standing.

ECO 332 - Intermediate Microeconomics (3.0 hours)

Core Curriculum: MI

Optimizing behavior and market processes. Emphasizes proficiency in numerous microeconomic tools of analysis. Encourages thought about these tools and the real world they are designed to illuminate.

Prerequisite: ECO 100 or 221; junior/senior standing.

ECO 333 - Intermediate Macroeconomic Theory (3.0 hours)

Integrated approach to the theory of income determination; contemporary growth models; explanations of cyclical fluctuations.

Prerequisite: ECO 100 or 221; ECO 222; junior standing or 42 credit hours and declared economics first major.

ECO 335 - Managerial Economics (3.0 hours)

Applying economic theory to the tools of operations research and business analysis: demand, cost, profit, and pricing. Decision theory of the firm.

Prerequisite: ECO 100 or 221; QM 262 or equivalent; junior/senior standing.

ECO 340 - Environmental Economics (3.0 hours)

The theory of externalities and market failure will provide the basis for applying microeconomic concepts to the study of environmental improvement. The past and present state of environmental well-being with respect to air, water, and waste management will be summarized. Cannot receive credit for both ECO 240 and 340.

Prerequisite: ECO 100 or 221; ECO 222; junior standing.

ECO 355 - Supply Chain Economics (3.0 hours)

Focuses on understanding the economics of supply chains. Over the past 100 years, the structure of economic organization and competition has shifted from individual firms to extended enterprises. These enterprises comprise the entire supply chain, extending from raw materials, through manufacturing, to distribution through channels to customers throughout the U.S. and the world. This change in economic organization has resulted from economic forces and has significant implications for the U.S. and global economies.

Prerequisite: ECO 100 or ECO 221; ECO 222; junior/senior standing

ECO 360 - The Economics of Healthcare (3.0 hours)

Health economics applies the tools of economics to issues of the organization, delivery, and financing of healthcare.

Prerequisite: Junior/senior standing

ECO 375 - Behavioral and Experimental Economics (3.0 hours)

Behavioral economics describes how individual people make economic decisions, both for themselves and in interactions with other people. Experimental economics is a primary tool in the study of behavioral economics, running controlled experiments to observe individual behavior. This course will broadly survey ways in which individuals make decisions. In many different fields, we will study how neoclassical economics predicts human behavior, and how observed behavior differs from those predictions. We will also discuss research in behavioral economics, including designing and implementing experiments.

Prerequisite: ECO 100 or 221; junior/senior standing

ECO 391 - International Trade (3.0 hours)

Core Curriculum: GPGS

Welfare implications of international trade; balance of payments; equilibrium and disequilibrium; external and domestic policy effects on the balance of payments and welfare; international trade and financial cooperation among nations. Cross listed as IB 391.

Prerequisite: ECO 100 or 221; ECO 222; junior/senior standing.

ECO 399 - Special Topics in Economics (3.0 hours)

Topics of special interest which may vary each time course is offered. Topic stated in current Schedule of Classes. May be repeated under different topics.

Prerequisite: junior/senior standing.

ECO 400 - Economics Colloquium for Seniors (1.0 hour)

Continuation of Economics 300, with more difficult and challenging readings.

Prerequisite: economics major; senior standing.

ECO 418 - Mathematical Economics (3.0 hours)

Application of mathematics to selected topics of economic theory.

Prerequisite: ECO 100 or 221; ECO 222; MTH 115 or higher; junior/senior standing.

ECO 419 - Introduction to Econometrics (3.0 hours)

Introduction to advanced regression analysis. Topics include ordinary least squares, generalized least squares, nonlinear regression, dummy variables, autocorrelation, heteroskedasticity, and serial correlation. Computer software used extensively. Cross-listed with ECO 519.

Prerequisite: ECO 100 or 221; ECO 222; Q M 263 or equivalent; junior/senior standing.

ECO 434 - Readings in Economics (1.0-6.0 hours)

Individual readings for qualified students under the guidance of a member of the economics staff.

Prerequisite: Approval of the department chair; junior/senior standing.

ECO 498 - Senior Seminar in Economics, Part I (1.0 hour)

Core Curriculum: WI,EL

Student begins to explore an area of economics in which he or she has a particular interest and plans to write a senior thesis. Required for all economics majors. Pass/Fail.

Prerequisite: Economics major and senior standing (junior standing with consent of instructor).

ECO 499 - Senior Seminar in Economics, Part II (3.0 hours)

Core Curriculum: EL

Capstone project where each student completes a senior research thesis under the guidance of an economics faculty member. Student explores an area of economics in which he or she has a particular interest.

Prerequisite: ECO 498; senior standing (junior standing with consent of instructor).

ECO 510 - Global Markets and Sustainability (3.0 hours)

Examination of global macroeconomics and its application to the modern business environment, the business cycle and economic policies, major linkages between economies, domestic and international economic indicators, institutions and cultural aspects of business, sustainable development.

Prerequisite: Foster College of Business Graduate Student or Consent of Associate Dean.

ECO 519 - Introduction to Econometrics (3.0 hours)

Introduction to advanced regression analysis. Topics include ordinary least squares, generalized least squares, nonlinear regression, dummy variables, autocorrelation, heteroskedasticity, and serial correlation. Computer software used extensively. Cross-listed with ECO 419. The graduate level course will have additional requirements beyond those of the undergraduate course.

Prerequisite: IME 511 or consent of Department Chair.

ECO 605 - Health Care Economics & Finance (3.0 hours)

Examines the economic and financial aspects of the health care system. Organizational and institutional structures through which an economy makes choices regarding the production, consumption, and distribution of health care services. Fundamental processes for the management of liquidity, major capital investments, debt, and funding. Examines both for-profit and not-for-profit health care organizations.

Prerequisite: Graduate nursing majors only.

ECO 606 - Microeconomics for Managers (3.0 hours)

Analysis of domestic and international markets, resource allocation, applied strategic thinking and competitive analysis, market structure, impacts on business decision making and on society, ethical issues, role of government regulation in business, pricing strategies, and quantitative decision making tools.

Prerequisite: Foster College of Business Graduate Student or Consent of Associate Dean.

ECO 660 - Readings in Economics (1.0-3.0 hours)

Individual readings for qualified students, under the guidance of a member of the faculty. Repeatable to a maximum of 3 credit hours.

Prerequisite: consent of instructor and director of graduate programs.