Economics (ECO) Courses

ECO 5003. Economic Theory and Policy. (3-0) 3 Credit Hours. The opportunity for intensive study of micro- and macroeconomic concepts; the price system as it functions under competition, monopoly, and partial monopoly; national income measurement and determination; business cycles; money and banking; monetary policy; and fiscal policy and economic stabilization.

ECO 5023. Managerial Economics. (3-0) 3 Credit Hours. Prerequisites: ECO 5003 and MS 5003, or their equivalents. Application of price theory to economic decisions of the firm. A problem-oriented approach emphasizing demand, production, and profit maximizing conditions, and their implications for output and pricing strategies under various market structures and types of organization.

ECO 6013. Microeconomic Theory. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Introduction to advanced microeconomic theory and policy. Topics include theory of demand and consumer behavior, theory of production and cost analysis, market structures and pricing, and social welfare implications.

ECO 6033. Macroeconomic Issues. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Introduction to advanced macroeconomic theory and policy. Topics include indicators of overall economic activity, various models of the economy and stabilization policies, economic growth, inflation and unemployment, models of consumption, investment, and trade and their impact on policy effectiveness. (Formerly ECO 5033. Credit cannot be earned for both ECO 6033 and ECO 5033).

ECO 6103. Econometrics and Business Forecasting. (3-0) 3 Credit Hours. Prerequisites: ECO 5003 and ECO 6113, their equivalents, or consent of instructor. Classical and advanced regression and forecasting methodologies, including analysis of simple and multiple regression models, hypothesis testing, smoothing procedures, autoregressive integrated moving average models for time series, forecast evaluation and combination. Application of computer-assisted regression analysis and forecasting methods to business and economic problems.

ECO 6113. Mathematical Economics. (3-0) 3 Credit Hours. Prerequisites: ECO 2013, ECO 2023, and MAT 1033, or their equivalents. An examination of mathematical methods used in economic analysis. Topics include linear algebra, calculus and optimization techniques, and their applications in economic theory and decision making.

ECO 6203. Industrial Organization and Public Policy Analysis. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Utilization of price theory and market structure to empirically examine the conduct and performance of American business organizations, including the role of antitrust legislation. Particular emphasis is placed on the use of case studies of actual firms, markets and industries. (Formerly titled “Government and Business”).

ECO 6213. Public Sector Economics. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Theoretical rationale for collective action; incidence, equity, and efficiency of taxation methods; externalities and property rights; analysis of public goods, regulation, and public choice. (Formerly ECO 5603. Credit cannot be earned for both ECO 6213 and ECO 5603).

ECO 6303. Applied Econometrics. (3-0) 3 Credit Hours. Prerequisites: ECO 6013 and ECO 6113, or consent of instructor. Advanced topics in econometrics and their applications. Topics include panel data, discrete and limited dependent variable, nonlinear and dynamic models. (Formerly ECO 7303. Credit cannot be earned for both ECO 6303 and ECO 7303).

ECO 6323. International Trade and Finance. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Classical and modern theories regarding trade patterns and commercial policies. Causes and consequences of international trade. International trade practices under varying commercial policy approaches. Balance of payments, foreign exchange markets, and exchange rate determination. International currency systems and policies. Regional monetary and economic integration. (Formerly ECO 5303. Credit cannot be earned for both ECO 6323 and ECO 5303).

ECO 6403. Financial Economics. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Foundations in modern financial economics. Applies economic analysis to financial issues. Analytical methods to be discussed include inter-temporal utility models and general equilibrium theory. Financial topics include mean-variance frontier, capital asset pricing model, and arbitrage pricing theory.

ECO 6523. Labor Economics. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Survey of wage theory, wage determination and structure of labor markets, employment opportunities, economic security, leisure, technological change, and labor organizations and collective bargaining. (Formerly ECO 6313. Credit cannot be earned for both ECO 6523 and ECO 6313).

ECO 6543. Healthcare Economics and Policy. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. The application of economic principles and modeling to the healthcare marketplace. Students will be given the opportunity to apply theoretical and empirical economic analysis to business and public policy issues in the healthcare industry. (Same as BOH 6543. Credit cannot be earned for both BOH 6543 and ECO 6543).

ECO 6553. Urban and Regional Economics. (3-0) 3 Credit Hours. Prerequisite: ECO 5003, an equivalent, or consent of instructor. Economic aspects of regions and their cities, including growth and development processes; data sources and analytical methods; and analysis of urban issues such as transportation, education, land use, pollution, and public sector service delivery.

ECO 6573. Game Theory and Business Strategy. (3-0) 3 Credit Hours. Prerequisites: ECO 6013 and ECO 6113, or consent of instructor. A study of strategic decision-making in interactive situations, with an emphasis on economics and business applications, such as oligopolistic firm behavior, pricing, bargaining, incentive contracts, signaling, and auctions. The course serves as an introduction to basic theory of static and dynamic games of complete and incomplete information and the strategic role of commitment, credibility, reputation, unpredictability, and pre-emption are explored.
ECO 6583. Special Topics in Econometrics/Forecasting. (3-0) 3 Credit Hours.
Prerequisites: ECO 6103 and ECO 6113, or consent of instructor. This course discusses advanced econometric and forecasting techniques. Possible topics include, but not limited to, multiple time series analysis, forecast combinations, and big data economic forecasts with emphasis on real-world applications. May be repeated for credit, but not more than 6 semester credit hours will apply to a Master’s degree.

ECO 6943. Economics Internship. (0-0) 3 Credit Hours.
Prerequisites: Graduate standing, 15 semester credit hours of graduate work, and consent of instructor. Internship must be approved in advance by the Internship Coordinator and the student’s Graduate Advisor of Record. Cannot count as an economics elective toward an M.B.A. with a concentration in Business Economics. Supervised full- or part-time off-campus work experience and training in economics. Individual conferences and written reports required.

ECO 6951. Independent Study. (0-0) 1 Credit Hour.
Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student’s Graduate Advisor of Record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the degree.

ECO 6953. Independent Study. (0-0) 3 Credit Hours.
Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student’s Graduate Advisor of Record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the degree.

ECO 6961. Comprehensive Examination. (0-0) 1 Credit Hour.
Prerequisite: Approval of the appropriate Graduate Program Committee to take the Comprehensive Examination. Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Program Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either “CR” (satisfactory performance on the Comprehensive Examination) or “NC” (unsatisfactory performance on the Comprehensive Examination).

ECO 6971. Special Topics. (1-0) 1 Credit Hour.
Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Topics courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the degree.

ECO 6973. Special Topics. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Topics courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the degree.

ECO 6983. Master’s Thesis. (0-0) 3 Credit Hours.
Prerequisites: Permission of the Graduate Advisor of Record and thesis director. Thesis research and preparation. May be repeated for credit, but not more than 6 semester credit hours will apply to a Master’s degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.