BUSINESS ECONOMICS (ECON)

201. PRINCIPLES OF MACROECONOMICS. 3:3:0
This course is a study of the operation and function of the American economic system. Attention is given to current economic problems, such as those relating to income, employment, business cycles, money and banking, growth, and development. Prerequisites: Sophomore standing. Credit, three hours.

202. PRINCIPLES OF MICROECONOMICS. 3:3:0
This course is a study of price and output determination in a free enterprise economy, with the assumption of consumer maximization of utility and producer maximization of profits. Prerequisite: ECON-201. Credit, three hours.

301. INTERMEDIATE MACROECONOMICS. 3:3:0
This course provides a comprehensive analysis of macroeconomic concepts and theories, including the following: the aggregate economic activities of national output, employment, price levels, and interest rates; the aggregate theory of consumption, investment, and the demand and supply of money; economic growth, and inflation; unemployment, and the effectiveness of monetary and fiscal policies. The course also addresses classical, neoclassical, Keynesian, new classical, monetarist, and rational expectations models of closed and open economies. Prerequisites: ECON-201 and ECON-202. Credit, three hours.

303. MATHEMATICAL ECONOMICS. 3:3:0
This course addresses the logic and structure of mathematics as applied to economics. Use of mathematics in the fundamental propositions of microeconomics and macroeconomics is emphasized. Topics covered include mathematical programming, differential and difference equations, and game theory, as well as other deterministic and stochastic modes. Prerequisites: ECON-202, ECON-208, and MTSC-225. Credit, three hours.

208. INTRODUCTORY STATISTICS
This course introduces the concept of applied statistics. It addresses the following topics: data presentation; measures of central tendency; measures of variation, skewness, and kurtosis; basis probability concepts; probability distributions; sampling distributions estimation; and hypothesis testing. Credit Hours: 3

308. STATISTICAL ANALYSIS II FOR BUSINESS AND ECONOMICS. 3:3:0
This course focuses on applications of statistical techniques to economics and business. The course addresses the chi-square distribution, analysis of variance, simple and multiple regression analysis, time-series analysis, and forecasting. Statistical software packages are utilized. Prerequisite: MGMT-208. Credit, three hours.

310. INTRODUCTION TO ECONOMETRIC ANALYSIS. 3:3:0
This course examines statistical methods applied to the analyses of economic models and data. It emphasizes multiple regression analysis, multicollinearity, seasonality, heteroscedasticity, auto correlation, dummy variables, time series analysis, distribution lags, and simultaneous equations. Statistical software packages are utilized. Prerequisite: MGMT-208 and ECON-308. Credit, three hours.

400. MANAGERIAL ECONOMICS. 3:3:0
This course focuses on the application of microeconomic principles to the firm, from the perspective of the manager. Topics covered include demand analysis, production and cost analysis, linear programming, market structure and competitive strategies, pricing practices, decision making under uncertainty, and capital budgeting. Prerequisites: ECON-202, ECON-208. Credit, three hours.

401. PUBLIC FINANCE. 3:3:0
This course is a study of the theory of public finance, principles and practices of federal, state, and local taxation, expenditures and budgeting, the public debt and fiscal policy, including their impacts upon aggregate economic activities and resource allocation. Prerequisite: FIN-300. Credit, three hours.
414. MONEY AND BANKING. 3:3:0
This course is a study of the commercial banking system, non-bank financial institutions, the Federal Reserve System, monetary theory and policy, and debt management. Prerequisites: ECON-201 and ECON-202. Credit, three hours.

415. INTERNATIONAL ECONOMICS AND TRADE. 3:3:0
This course examines the theory and practice of international trade and finance. It includes consideration of the following: the theories of comparative advantage and international specialization, trade policies and trade restrictions, foreign exchange markets and balance of payments, international trade systems, financial problems of foreign operations, transfer of funds and investment decisions. The course emphasizes operational and financial problems of multinational business entities. Prerequisites: ECON-301. Credit, three hours.

450. INDEPENDENT STUDY. 3:3:0
This course provides an opportunity for students to participate in special research projects or to study contemporary issues in Business Economics. Prerequisite: Permission of departmental chairperson. Credit, one to three hours.

40-xxx SELECTED TOPICS. 3:3:0
This course is an in-depth study of a topic of current interest in the Business Economics areas. Prerequisite: Senior standing. Credit, three hours.

490. INTERNSHIP. 3:3:0
This course provides an opportunity for students to gain practical experience in business economic analysis through on-the-job assignments in businesses, government agencies, and/or other work-organizations. Prerequisite: Permission of the departmental chairperson. Credit, three to six hours.