

**DEPARTMENT OF ACCOUNTING, ECONOMICS & FINANCE**  
**Bachelor of Science, Finance**

**Course Description – Finance (FIN)**

**FIN-102. MONEY MATTERS**

**3:3:0**

The course provides an overview of personal and family financial planning with an emphasis on financial recordkeeping, budgeting, consumer credit, making buying decisions, purchasing insurance, selecting investments, and retirement planning. The course will provide the tools necessary to secure basic household needs, like cash management and consumer credit. Students will learn how to manage student loans and credit cards.

Prerequisite: None.

Credit, three hours.

**FIN-220. PERSONAL FINANCIAL PLANNING**

**3:3:0**

This course offers the basics of financial planning and addresses the relationships between consumers of financial services and the products offered by financial intermediaries, investment brokerages, insurance companies, credit agencies, and nonbank financial institutions. The course addresses checking and money market accounts, budgeting, taxes, investments, real estate, insurance, retirement, and estate planning in order to live better financially.

Prerequisite: Sophomore Term.

Credit, three hours.

**FIN-300. MANAGERIAL FINANCE**

**3:3:0**

The concepts developed in this course form the foundations for the area of finance. Major topics may include the time value of money, valuation of stocks and bonds, risk and return, capital budgeting techniques, financial ratio analysis, capital structure, and dividend policy.

Prerequisites: ECON-208, Sophomore Spring Term.

Credit, three hours.

**FIN-315. FINANCIAL MARKETS AND INSTITUTIONS**

**3:3:0**

This course examines structures, functions, and regulations of the money markets and capital markets. It also addresses the financial management aspect of different financial institutions including banks, funds management companies, and insurance companies.

Prerequisite: FIN-300.

Credit, three hours.

**FIN-316. RISK MANAGEMENT & INSURANCE**

**3:3:0**

This course provides an examination of credit and risk and their importance in personal and business activities. The focus is on the process involved in supplying credit to borrowers by financial institutions and methods of handling credit and risk.

Prerequisite: FIN-300.

Credit, three hours.

**FIN-415 Fixed Income Markets**

**3:3:0**

This course provides an overview of the fixed-income securities. Topics covered include bond pricing, term structure of interest rates, corporate bonds, treasury and agency securities, municipal bonds, mortgage-backed securities, asset-backed securities, collateralized debt obligations, and credit default swaps, and bond portfolio investment strategies. The roles of different participants within these fixed income markets are also discussed.

Prerequisites: FIN-300

Credit, three hours.

**FIN-418. INVESTMENTS**

**3:3:0**

This course addresses principles in developing optimal portfolio strategies in meeting the objectives of individual

and institutional investors. It discusses a variety of quantitative methods and qualitative concepts in the valuation of security prices.

Prerequisite: FIN-300, Junior Fall Term.

Credit, three hours.

**FIN-420. COMMERCIAL BANK MANAGEMENT**

**3:3:0**

This course addresses the functioning and management of commercial banks and other financial institutions including the flow of funds and the role of interest rate in money and capital markets; asset and liability management; interest rate risk management; supply of loan funds and demand for funds in mortgage loan market, consumer credit market, corporate securities markets, and municipal obligations; and the effects of Federal Reserve and Treasury policies on financial markets.

Prerequisite: FIN-300.

Credit, three hours.

**FIN-424. NEW VENTURE FINANCE & INVESTMENT**

**3:3:0**

In this course, the process and techniques of financing new ventures and investing in fledgling companies are examined in detail. The issue of debt versus equity financing and a variety of financing vehicles and sources will be examined in the context of new and small ventures in the process of expansion and emerging E-Commerce/E-Business enterprises are discussed. Case studies will be utilized to illustrate creative solutions to the structuring of new venture financing.

Prerequisite: FIN- 300.

Credit, three hours.

**FIN-441. INTERNATIONAL FINANCIAL MANAGEMENT**

**3:3:0**

This course examines the international financial environment and financial management of multinational corporations including foreign exchange risk management, sources, and instruments of financing foreign operations, foreign investment analysis, and multinational working capital management.

Prerequisites: FIN-300, FIN-315, Senior Standing.

Credit, three hours.

**FIN-445. SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**

**3:3:0**

This course develops and hones skills for security analysis and portfolio management. The course will be useful for students seeking a career in the investment industry, personal finance business and also corporate finance specialist who deal with investor relations. It covers the factors influencing the valuation of financial securities: earnings forecasts and expectations, uncertainty, required returns, supply, and demand for securities and funds, level of interest rates, and investors' attitudes. It provides the student with an understanding of the various types of securities traded in financial markets, investment theory and practice, portfolio construction and management, and investment strategies and tactics.

Prerequisites: FIN-318

Credit, three hours.

**FIN-449 ADVANCED FINANCIAL MANAGEMENT**

**3:3:0**

This course offers selected topics on current issues pertaining to finance and other related areas of interest including derivatives, mergers and acquisitions, and financial engineering.

Prerequisites: FIN-300, Senior Standing.

Credit, three hours.

**FIN-450. INDEPENDENT STUDY**

**1-3:1-3:0**

This course provides an opportunity for students to participate in special research projects or to study contemporary issues in Finance.

Prerequisite: Permission of departmental chairperson.

Credit, one to three hours.

**FIN-462. SELECTED TOPICS****3:3:0**

This course is an in-depth study of a topic of current interest in the Finance area.

Prerequisite: Senior Standing.

Credit, three hours.

**FIN-490. INTERNSHIP****3-6:3-6:0**

This course provides an opportunity for students to gain practical financial experience through on- the-job assignments at businesses and institutions.

Prerequisite: Permission of the departmental chairperson.

Credit, three to six hours.

**Course Description – Economics (ECON)****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: 15 hours of course work.

Credit, three hours.

**ECON-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.

**ECON-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.

**ECON-303. QUANTITATIVE ECONOMIC ANALYSIS.****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, MGMT-208.

Credit, three hours.

**ECON-208. INTRODUCTORY STATISTICS****3:3:0**

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; basic probability concepts; probability distributions; sampling distributions estimation; and hypothesis testing. Prerequisites: MTSC-121

Credit three hours.

**ECON-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: ECON- 208.

Credit, three hours.

**ECON-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, autocorrelation, dummy variables, time series analysis, distribution lags, and simultaneous equations. Statistical software packages are utilized.

Prerequisite: MGMT-208 and ECON-308.

Credit, three hours.

**ECON-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.

**ECON-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, ECON-202.

Credit, three hours.

**ECON-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.

**ECON-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, ECON-202.

Credit, three hours.

**ECON-450. INDEPENDENT STUDY.**

**1-3:3:0**

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.

**ECON-460 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.

**ECON-490. INTERNSHIP.**

**3-6:3:0**

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.