

# BUSINESS FINANCE (BF)

## BF-515 Financial Markets

**Credits: 1.5**

Term Offered: All Terms

Course Type(s): None

Covers the roles and functioning of the financial markets, financial institutions and regulatory bodies, the principles of valuation of financial assets and the determinants of market interest rates.

## BF-516 Business Finance

**Credits: 1.5**

Prerequisite(s): BA-513

Term Offered: All Terms

Course Type(s): None

Principles and techniques of financial analysis: financial planning and control, profit planning and management, valuation theory, capital budgeting, financial structure and the cost of capital.

## BF-525 Real Estate Analysis

**Credits: 3**

Term Offered: Spring Term

Course Type(s): None

Real estate financing and appraising. Examination of personal and corporate real estate portfolio strategies. The analysis of specific types of real properties are reviewed. This includes: single-family homes, apartment houses, condominiums, shopping centers, and office and industrial buildings. Also listed as BR-525.

## BF-599 Business Research

**Credits: 3**

Term Offered: Spring Term

Course Type(s): None

Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation.

Prior permission of the directing professor and department chair is required to take this course.

## BF-612 Corporate Finance

**Credits: 3**

Prerequisite(s): BE-511, BE-512, BF-515, and BF-516

Term Offered: All Terms

Course Type(s): None

Analysis of corporate finance concepts: Financial ratio analysis and forecasts, estimation of cash flows for corporate valuation, cost of capital and optimal capital structure, distributions to shareholders, and financial restructuring. This course will rely on corporate cases and Excel applications.

## BF-620 Econometrics

**Credits: 3**

Prerequisite(s): BE-511, BE-512, and BM-518

Term Offered: All Terms

Course Type(s): None

Provides a graduate-level introduction to the methodology and tools of econometrics required by finance professionals. Topics include: linear regression, time series modeling, volatility and correlation modeling. Markov switching, limited dependent variable models, and Monte Carlo simulation. EViews is used extensively in class. Instructor assumes students have no previous knowledge of EViews.

## BF-630 Investments

**Credits: 3**

Prerequisite(s): BE-511, BE-512, BF-515, BF-516, and BM-518; and BF-612 passed with a grade of B or higher.

Term Offered: Spring Term

Course Type(s): None

The course studies the characteristics of securities of the debt and equity markets with major emphasis on risk and return. It delves into the valuation of these securities based on traditional and modern approaches, security evaluation and selection for portfolio construction and evaluation. The course acquaints students with the valuation and hedging characteristics of options and discusses lessons from the past financial crises and bubbles. The course applies Bloomberg technology.

## BF-631 Derivatives

**Credits: 3**

Prerequisite(s): BE-511, BE-512, BF-515, BF-516, and BM-518; and BF-612 passed with a grade of B or higher.

Term Offered: Spring Term

Course Type(s): None

Covers the primary instruments (forwards, futures and options) of the derivative securities market and their use in investment and corporate financial management. The course applies Bloomberg technology.

## BF-632 Financial Markets and Risk Management

**Credits: 3**

Prerequisite(s): BE-511, BE-512, BF-515, BF-516; and BF-612 passed with a grade of B or higher.

Term Offered: Fall Term

Course Type(s): MBA.E

You will learn about the theories, nature and environment of financial institutions and markets of the United States, especially as it relates to activities of the Federal Reserve System. It includes financial intermediaries, the central and commercial banking systems, the determination of the money supply and interest rates, and an introduction to international financial activities.

## BF-650 International Finance

**Credits: 3**

Prerequisite(s): BE-511, BE-512, BF-515, BF-516; and BF-612 passed with a grade of B or higher.

Term Offered: All Terms

Course Type(s): MBA.E, MBA.I

Study of international monetary systems and capital markets. Analysis of foreign exchange, international equity markets, bond pricing, and currency derivatives. Emphasis on international diversification and the role of emerging markets.

## BF-698 Special Topics in Finance

**Credits: 3**

Course Type(s): None

Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student's permanent record. If a prerequisite is required it will be announced in the course schedule.

## BF-699 Independent Study in Finance

**Credits: 3**

Term Offered: All Terms

Course Type(s): None

Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.