

# FIN - FINANCE

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## **FIN 3050 Personal Financial Planning Cr. 3**

Principles of finance applied to personal financial affairs. Topics include: goal formation, cash budgeting, time value of money, insurance, real estate, banking, investments, tax planning, pensions, estate planning. Offered Irregularly.

## **FIN 3290 Business Finance Cr. 3**

Principles of financial administration, with applications to problems of financial analysis, control, and planning by firms under changing economic conditions. Offered Every Term.

**Prerequisites:** (May be taken concurrently: [BA 2300 with a minimum grade of C])

## **FIN 4500 Business Co-op Assignment Cr. 0**

Must be elected by Professional Development Co-operative Program students during work semester. Opportunity to put theory into practice on the job. Students will normally be assigned to cooperating business organizations for internship periods of one semester. No credit toward degree. Offered Every Term.

**Equivalent:** ACC 4500, MGT 4500, MKT 4500

## **FIN 4990 Directed Study in Finance Cr. 1-3**

Advanced readings and research or tutorial under the supervision of a faculty member in areas of special interest to student and faculty member. Offered Every Term.

**Prerequisites:** ([ACC 5100 with a minimum grade of D-]) AND ([FIN 5210 with a minimum grade of D-])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

**Repeatable for 6 Credits**

## **FIN 5000 Financial Statement - Analysis & Modeling Cr. 3**

Tools and techniques necessary to build dynamic cash flow models. Advanced discussion on the relationship between the financial statements, modeling techniques to professionally present forecasts, valuations and transactional analyses. Successful completion of introductory courses in accounting and finance is required for this class and a basic working knowledge of Microsoft Excel is strongly recommended. Replaces ACC 5000 for finance majors. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** ([ACC 3010 with a minimum grade of C]) AND ([FIN 3290 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

## **FIN 5090 Capital Markets Cr. 3**

Detailed discussion of financial intermediaries; the capital markets; money markets, macroeconomics policies and interest rates. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** (May be taken concurrently: [FIN 3290 with a minimum grade of B])

**Restriction(s):** Enrollment is limited to Undergraduate level students.

## **FIN 5215 Security Analysis and Portfolio Management Cr. 3**

Focus on modern portfolio analysis; how characteristics of a portfolio differ significantly from those of the securities from which they are formed; investigation of the Capital Asset Pricing Model (CAPM) and Arbitrage Pricing Theory (APT). Tools to manage investment risks, detect mispriced securities, and measure performance of investment managers. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** (May be taken concurrently: [FIN 5000 with a minimum grade of C]) AND ([BA 3400 with a minimum grade of C]) AND ([FIN 3290 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

## **FIN 5220 Portfolio Management Cr. 3**

Principles of portfolio construction and administration applicable to various institutions including banks, insurance companies, mutual funds, and pension trusts. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** ([FIN 5215 with a minimum grade of D-])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

## **FIN 5270 Advanced Business Finance Cr. 3**

Risk analysis, working capital management, capital budgeting and valuation theories. Role of financial management in maximizing value of the firm. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** ([FIN 3290 with a minimum grade of C]) AND ([BA 2300 with a minimum grade of C]) AND (May be taken concurrently: [FIN 5000])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

## **FIN 5280 Entrepreneurs' Ecosystem Cr. 3**

Focuses on resources available to the entrepreneur. Exposes the students to angel and superangel funding, microloans, crowdfunding, and various types of the venture capital funding avenues. Examines the challenges of financing and structuring a deal with financiers. Provides experience in pitching a business idea and understanding the anatomy of a successful business plan. Offered Winter.

**Prerequisite:** FIN 3290 with a minimum grade of C and FIN 5270 with a minimum grade of C

## **FIN 5320 Principles of International Finance Cr. 3**

Financial management in an international context. Determination of exchange rates; their effect on the economy and financial securities; operation of multinational firms (MNCs) in this environment. Measurement and management of MNC exchange-rate exposures; tax regulatory arbitrage; international portfolio investment; determination of cost of capital for a foreign direct investment project and construction of its capital budget. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** ([FIN 3290 with a minimum grade of C]) OR [FIN 4290 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

## **FIN 5330 Bank Management Cr. 3**

Analysis of the functional areas of management of banks and related financial institutions, including deposits, cash, loans and asset accounts. Discussion of current topics including liquidity, capital adequacy, electronic fund transfers and mortgages. Offered for undergraduate credit only. Offered Irregularly.

**Prerequisites:** ([FIN 3290 with a minimum grade of D-]) OR [FIN 4290 with a minimum grade of D-])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

**FIN 5340 Valuation Cr. 3**

Asset valuation is at the heart of intelligent financial decision-making, whether that takes the form of portfolio allocation, in deciding the appropriate price to pay or receive in a corporate merger or acquisition, investing in publicly traded securities or private firms, valuation of real estate, even valuing intangible assets such as brands. This course will provide you with the necessary tools, techniques, and models to address almost any valuation problem in finance. Offered Yearly.

**Prerequisites:** ((FIN 5270 with a minimum grade of C-))

**FIN 5890 Internship in Finance Cr. 3**

Minimum ten-page paper (excluding exhibits) discussing a problem or opportunity facing the sponsor organization, application of financial concepts, and outcomes relative to the problem or opportunity; summary presentation to department chairperson. Offered for undergraduate credit only. Offered Irregularly.

**Prerequisites:** ((FIN 3290 with a minimum grade of C) OR [FIN 4290 with a minimum grade of C]) AND ((ISM 3400 with a minimum grade of C) OR [BA 3400 with a minimum grade of C] OR [ISM 4400 with a minimum grade of C]) AND ((ISM 3600 with a minimum grade of C) OR [BA 3600 with a minimum grade of C] OR [ISM 4600 with a minimum grade of C] OR [GSC 3600 with a minimum grade of C]) AND ((ISM 3630 with a minimum grade of C) OR [ISM 4630 with a minimum grade of C]) AND ((MGT 2530 with a minimum grade of C) OR [MGT 4530 with a minimum grade of C]) AND ((MKT 2300 with a minimum grade of C) OR [MKT 4300 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

**FIN 6240 Financial Management for Engineers Cr. 4**

Principles of financial reporting, financial analysis, and cost accounting relevant to effective engineering project management. Offered for undergraduate credit only. Offered Fall.

**Restriction(s):** Enrollment limited to students in the MS in Industrial Engineering program; enrollment is limited to Graduate level students; enrollment limited to students in the College of Engineering.

**FIN 6996 Corporate Financial Strategies Cr. 3**

Advanced financial strategies dealing with cost of capital, mergers and other corporate reorganizations, investment banking and capital acquisition, dividend policy, lease financing, pension funds, convertible securities, international perspectives. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** ((ACC 5000 with a minimum grade of C)) AND ((FIN 5215 with a minimum grade of C)) AND ((FIN 5270 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

**FIN 6997 Derivative Securities Cr. 3**

Valuation of options, futures and swaps contracts on equities, fixed instrument securities and foreign exchange; use of these derivatives for risk management; brief review of empirical evidence. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisites:** ((FIN 5215 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Undergraduate level students; enrollment limited to students in the School of Business.

**FIN 7000 Applied Financial Analysis Cr. 3**

This course will bridge the gap between the study of financial theory in the classroom and the practical application of financial analysis in the home or workplace. A laptop with the most recent version of Excel will be required in every class session. Offered Irregularly.

**Prerequisite:** BA 7020

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7015 Managerial Economics and Quantitative Methods Cr. 3**

Key concepts such as economic efficiency, cost-benefit analysis, break-even analysis and opportunity cost. Salient macroeconomics concepts including money supply, interest rate determination, employment growth rate and how they affect firm-level decision making. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7090 Money and Capital Markets Cr. 3**

Financial intermediaries; the capital markets; the money market and interest rates. Offered Fall, Winter.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7220 Advanced Managerial Finance Cr. 3**

Advanced topics in managerial finance, including leasing, merger valuation, reorganization, interactions of investment and financing decisions, and critical evaluation of alternative firm valuation theories. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7229 Corporate Valuation: Techniques, Models and Strategic Applications Cr. 3**

Tools, techniques and models used to address valuation problems in finance; emphasis on corporate strategic valuation. Offered Yearly.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7230 Investment Policies Cr. 3**

The key determinants of security prices under changing economic conditions. Theories, strategies and techniques for selection, timing, and diversification; methods of portfolio construction and administration. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7280 Entrepreneurial Finance and Venture Capital Cr. 3**

The course focuses on the venture capital (VC) cycle and understanding and analyzing the unique financial issues which entrepreneurial start-up firms face. Two distinct perspectives are provided: (a) issues that relate to the venture capitalist and (b) issues that relate to the entrepreneur. As a result, the course should be of interest to those pursuing careers in an entrepreneurial setting as well as those who are interested in a career in venture capital firm, management buyouts or private equity firm. From the entrepreneur's point of view, students will gain experience in pitching a business idea and will learn how to create a successful business plan. We will examine how to determine the amount of capital needed by the venture and the challenges of financing and structuring a deal with financiers. We will also explore the venture capital's perspective and gain insights into the how VCs evaluate a business and what valuation method they use at different rounds of financing. We will also address several aspects of the investment process including the term sheet content and deal structure and negotiation. Offered Fall, Winter.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7290 Topics in Finance Cr. 3**

Current developments in such areas as: working capital management, mergers and acquisitions, pension fund management, use of options and futures, high-risk debt management, hybrid securities, management of financial institutions, international financial issues, or market microstructure. Offered Yearly.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 6 Credits**

**FIN 7330 Fixed Income Securities Cr. 3**

Covers the pricing of fixed income securities, examining topics such as bond mathematics, term structure of interest rates, measurement of interest rate risk using duration and convexity, yield spreads, spot and forward rates, and fixed income portfolio management. Offered Yearly.

**Prerequisite:** BA 7020 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7340 Futures and Options Cr. 3**

Valuation of options, futures and swaps contracts on equities, fixed instrument securities and foreign exchange; use of these derivatives for risk management. Offered Yearly.

**Prerequisites:** ((FIN 7230 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7777 Corporate Financial Consulting Cr. 3**

Provides an overview of the largest and most common categories of business consultancies, examples of the tools and techniques used to solve corporate finance problems, and group projects to address case study problems based on real world fact patterns. Offered Irregularly.

**Prerequisite:** FIN 7220 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7870 International Finance Cr. 3**

Identification of basic factors affecting exchange rates; roles of central banks and international monetary system. Exchange-rate forecasting, balance of payments, international economic linkages. Management of foreign exchange risk (translation, transaction, and economic exposure) by hedging with financial derivative securities and using operational hedges that deal with marketing and production strategies. In-depth analysis of multinational companies' investment in foreign countries; cost-of-capital and capital-budgeting issues. Offered Yearly.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7890 Internship in Finance Cr. 3**

Students work a minimum of 160 hours for fifteen weeks in an entry-level management position in finance. Offered Irregularly.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7900 Mergers and Acquisitions Cr. 3**

An in depth examination of the valuation complexities encountered in corporate restructuring and corporate change of control. The primary topics covered include the Mergers and Acquisitions (M&A) process, valuation using methods of comparables, precedent transactions, and Discounted Cash Flow (DCF) analysis. Financing M&A transactions, particularly using different kinds of debt used in leveraged buyouts will be discussed. Offered Irregularly.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**FIN 7990 Portfolio Management/Student Managed Investment Fund (SMIF) Cr. 3**

Exposes business students to practical security analysis techniques and investing approaches employed by professional investment managers. Recommended for those students seeking careers in investing, portfolio management, financial analysis, and related financial service industries. Offered Irregularly.

**Prerequisites:** ((BA 7020 with a minimum grade of C))

**FIN 7995 Directed Study Cr. 1-3**

Advanced independent readings and research under the supervision of a graduate faculty member in areas of special interest to student and faculty member. Offered Every Term.

**Prerequisites:** ((BA 7000 with a minimum grade of C)) AND ((BA 7020 with a minimum grade of C)) AND ((BA 7040 with a minimum grade of C)) AND ((BA 7050 with a minimum grade of C)) AND ((BA 7070 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 5 Credits**