

# FINANCE

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DATTA, SUDIP: Ph.D., M.A., State University of New York, Binghamton; B.S., Presidency College; Professor, T. Norris Hitchman Endowed Chair

FORSYTHE, ROBERT: Ph.D., M.S., Carnegie-Mellon University; B.S., Pennsylvania State University; Professor

HAMILTON, JAMES L.: Ph.D., Duke University; B.A., Grinnell College; Professor Emeritus

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SMOLLER, MARGARET A.: Ph.D., University of Florida; M.B.A., University of Toronto; B.A., Queen's University; Associate Professor Emeritus

SPENCER, MILTON H.: Ph.D., Cornell University; M.A., B.S., New York University; Professor Emeritus

TOSCANO, FRANCESCA: Ph.D., M.A., Boston College; Master in Economics and Finance, XV edition, University of Naples Federico II; M.Sc., B.A., University of Salerno; Assistant Professor

VOORHEIS, FRANK L.: ; Professor Emeritus

- Finance (B.A.) (<http://bulletins.wayne.edu/undergraduate/school-business/finance/finance-ba/>)
- Finance (B.S.) (<http://bulletins.wayne.edu/undergraduate/school-business/finance/finance-bs/>)

## FIN 1200 Personal Finance Planning Cr. 3

**Satisfies General Education Requirement:** Quantitative Experience Comp  
Introductory course designed to help students become financially literate and make proper financial decisions encountered in everyday life. Topics covered will include income, money management, spending and credit, as well as saving and investing. No credit after former FIN 3050. No credit after former BA 1200. Offered Fall, Winter.

## 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. This course satisfies Society of Actuaries Validation by Educational Experience (VEE) in Accounting and Finance when taken with ACC 3010 with a B- or better in each course. Offered Every Term.

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

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

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

**Restriction(s):** Enrollment limited to students in the School of Business.

**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

Introduction to foundational concepts used in corporate financial statement analysis, including application of specific financial modeling tools, and an overview and practical application of techniques necessary to build dynamic cash flow models. The course includes advanced discussions on the relationship between the financial statements, and using Excel, students will learn how to build analytical and proforma models themselves to understand the decision-making inputs used by corporate finance professionals. The course concludes with a discussion on professionally presenting model outputs, forecasts, valuations, and transactional analyses for management review. Successful completion of introductory courses in accounting and finance is required for this class. It is highly recommended that students have a basic working knowledge of Microsoft Excel prior to enrollment in the course. 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:** FIN 3290 with a minimum grade of B (may be taken concurrently)

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

## FIN 5200 Startup Funding and Profitability Cr. 3

Introductory course that will expose students to accounting and financial information. This foundational knowledge will be used to give students the financial language and understanding of the development and operations of new ventures. The ideal audience for this course is undergraduate students. Additionally, others who are interested in starting their own firm or working at a startup, or who are interested in careers in venture capital or private equity could benefit. Offered Yearly.

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

**FIN 5215 Investment Fundamentals Cr. 3**

Focus on modern investment analysis; fundamentals of asset classes including stocks, bond, derivatives, as well as index and mutual funds; risk and return analysis and 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 other risk-return models, including Arbitrage Pricing Theory (APT). Tools to manage investment risk and detect mispriced securities. Offered Fall, Winter.

**Prerequisites:** FIN 5000 with a minimum grade of C (may be taken concurrently), 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**

The student managed investment fund course gives students real world experience investing and managing a long only, \$2 million equity portfolio. Students apply concepts related to equity asset valuation, equity research, and portfolio management to monitor and evaluate current holdings, and recommend new investments for the fund. Offered Fall, Winter.

**Prerequisites:** FIN 5000 with a minimum grade of C and 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 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, BA 2300 with a minimum grade of C, and FIN 5000 (may be taken concurrently)

**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 5290 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 Intermittently.

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

**Repeatable for 6 Credits****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

**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 Intermittently.

**Prerequisites:** 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 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 5380 Introduction to Fintech Cr. 3**

This course is for students interested in exploring emerging topics in financial technology (i.e., Fintech). Students will develop a broad but solid understanding of the recent innovations in Fintech such as blockchain, cryptocurrencies, peer-to-peer lending, crowdfunding, and initial coin offerings. Basic concepts in artificial intelligence (AI) and machine learning techniques will be discussed. In groups, students will develop a fintech startup business model and give a presentation as a final project. Offered Intermittently.

**Prerequisites:** FIN 3290 with a minimum grade of C-

**FIN 5400 Real Estate Investment Cr. 3**

Introduces students to real estate – residential and commercial (office, retail, industrial, multi-family) – the largest asset class in the US economy. The sequential units of learning will be 1) description, 2) analysis, 3) valuation. In whatever business a graduate will work, the successful student will know enough to contribute to real estate decisions. Offered Intermittently.

**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 Intermittently.

**Prerequisite:** TIS 3630 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 6000 Advanced Financial Analysis and Modeling Cr. 3**

This intensive finance modeling course goes beyond basics to build intermediate and advanced Excel skills for business analysis and decisions. Students will master analytical capital budgeting techniques to evaluate investments; perform detailed valuation analysis with discounted cash flows, precedents, comparables, and scenarios; build a leveraged buyout model to calculate potential equity returns under various debt financing assumptions; and utilize statistical models for correlation and regression modeling. Offered Intermittently.

**Prerequisites:** FIN 5000 with a minimum grade of C

**FIN 6005 Basics of Financial Management Cr. 3**

Basic aspects of finance: time value of money, financial markets, risk and return, valuation and basic capital budgeting. Required of all graduate students; may be waived only through waiver exam. Offered for graduate credit only. No credit after former BA 6005. Offered Every Term.

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

**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:** FIN 5000 with a minimum grade of C, 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.