

# Department of Finance

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## Finance

The objective of the finance curriculum is to develop the specialized finance knowledge, techniques, and skills necessary for successful placement in finance related positions. The program encompasses the major areas of finance including corporate finance, financial institutions and markets, and investments. In addition, the program offers elective work in the subareas of real estate and risk management and insurance. The program will allow students the opportunity to develop not only the specialized knowledge of finance, but also the professional presentation and use of such knowledge through oral and written communication. Students enrolled in the finance program also complete the College of Business core curriculum designed to provide the broader understanding of the entire business organization including accounting, economics, management and marketing. College of Business pre-requisites are strictly enforced. Junior standing and compliance with Harbert College of Business academic standards are required for all 3000 and above level courses.

## Majors

- Finance ([http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/finance\\_major/](http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/finance_major/))

## Minors

- Finance ([http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/finance\\_minor/](http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/finance_minor/))
- International Business ([http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/internationalbusiness\\_minor/](http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/internationalbusiness_minor/))
- Real Estate Development ([http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/realatedevelopment\\_minor/](http://bulletin.auburn.edu/undergraduate/collegeofbusiness/departmentoffinancefinc/realatedevelopment_minor/))

## Courses

**FINC 2400 PERSONAL FINANCE (3)** LEC. 3. Plans for managing personal financing problems involving insurance, housing, household budgeting, investments, personal and bank loans, personal credit and time value of money.

**FINC 3010 PROFESSIONAL DEVELOPMENT IN FINANCE (1)** LEC. 1. SU. Pr. (P/C FINC 3610 or FINC 3613 or FINC 3617) and P/C BUSI 2010. Career planning and preparation for employment in the finance industry.

**FINC 3100 FUNDAMENTALS OF GLOBAL TRADE (3)** LEC. 3. COB academic standards. Export management skills, including basic global supply chain management and trade finance. Junior standing.

**FINC 3200 RISK AND INSURANCE (3)** LEC. 3. Essentials of risk management, with emphasis on the use of insurance, including the characteristics of property, liability, life and health insurance. Junior standing.

**FINC 3250 PRINCIPLES OF REAL ESTATE (3)** LEC. 3. Fundamental principles and practices as applied to the purchase, sale and lease and management of real estate. Junior standing.

**FINC 3610 PRINCIPLES OF BUSINESS FINANCE (3)** LEC. 3. Pr. ACCT 2110 or ACCT 2117 or ACCT 2810 or ACCT 3110 or ACCT 3113 or ACCT 2813. Corporate finance from the perspective of a financial manager. Topics include time value of money, valuation, and capital budgeting. May count either FINC 3610 or FINC 3810.

**FINC 3617 HONORS PRINCIPLES OF BUSINESS FINANCE (3)** LEC. 3. Pr. Honors College. ACCT 2117. Corporate finance from the perspective of a financial manager. Topics include financial planning and forecasting cash budgeting, capital budgeting, basic valuation, dividends. Fall, Spring. Junior standing.

**FINC 3620 SMALL BUSINESS FINANCE (3)** LEC. 3. Pr. FINC 3610 or FINC 3613 or FINC 3617. Financial control, financial forecasting, working capital and sources of financing in a small and closely-held business environment.

**FINC 3630 ADVANCED BUSINESS FINANCE (3)** LEC. 3. Pr. (FINC 3610 or FINC 3613 or FINC 3617) and (BUAL 2600 or STAT 2010 or STAT 2017 or STAT 2510 or STAT 2513 or STAT 2610 or STAT 3010 or STAT 3610). C or better in FINC 3610. In-depth analysis of financial concepts including valuation capital budgeting, cost of capital, leasing, financial analysis, and capital structure.

**FINC 3640 INVESTMENTS (3)** LEC. 3. Pr. FINC 3610 or FINC 3613 or FINC 3617. Types of investment security markets, investment instruments, concepts and strategies for institutional and individual investors.

**FINC 3700 FINANCIAL MARKETS INSTITUTIONS (3)** LEC. 3. Pr. FINC 3610 or FINC 3613 or FINC 3617. Overview of the financial system, organization and regulation of financial markets and institutions, the behavior and structure of interest rates.

**FINC 3750 FINANCIAL MODELING (3)** LEC. 3. Pr. P/C FINC 3630 and P/C FINC 3640. Application of financial management and investments concepts through Excel modeling. Topics include capital budgeting, capital asset pricing, cost of capital, stock and bond valuation. Advanced topics include DCF modeling, portfolio optimization and VBA.

**FINC 3810 FOUNDATIONS OF BUSINESS FINANCE (3)** LEC. 3. Pr. ACCT 2810 or ACCT 2813 or ACCT 2110 or ACCT 2117. Foundations of Business Finance is a broad based introductory course that will focus on finance functions and applications of finance principles. This course is not open to undergraduates majoring in business. Junior standing. May count either FINC 3610 or FINC 3810.

**FINC 4210 PROPERTY AND LIABILITY INSURANCE (3)** LEC. 3. Pr. FINC 3200. Commercial risks and the insurance contracts used to address these risks.

**FINC 4410 FIXED INCOME (3)** LEC. 3. Pr. FINC 3640. Overview of fixed income characteristics, markets, and trading. Topics include Treasuries, yield curves, corporate bond analysis, asset-backed securities, municipal bonds, preferred stock, money market instruments, measuring interest rate risk with duration and convexity, and bond portfolio management.

**FINC 4630 FINANCIAL STRATEGY (3)** LEC. 3. Pr. (ACCT 3110 or ACCT 3113 or ACCT 5110 or ACCT 6110) and (FINC 3630 or FINC 3633). The advanced application of corporate finance through case analysis, company analysis, and current topics.

**FINC 4650 FINANCIAL STATEMENT ANALYSIS (3)** LEC. 3. Pr. FINC 3610 or FINC 3613 or FINC 3617. Evaluation and assessment of financial condition, performance, and reporting strategies of firms using relevant financial and market information.

**FINC 4660 SECURITY ANALYSIS (3)** LEC. 3. Pr. (ACCT 3110 or ACCT 3113 or ACCT 5110 or ACCT 6110) and (FINC 3630 or FINC 3633) and FINC 3640. Analysis, techniques and selection of securities to meet specific investment objectives. Focus on individual security analysis and portfolio management.

**FINC 4700 MANAGEMENT OF FINANCIAL INSTITUTIONS (3)** LEC. 3. Pr. FINC 3700. Management strategies for firms including management of credit, liquidity, capital and interest rate risks in a regulated environment.

**FINC 4720 FINANCIAL SECTOR REGULATION AND SUPERVISION (3)** LEC. 3. Pr. FINC 3700. The course will facilitate understanding of regulatory and supervisory oversight tools used by financial sector regulators to control new and emerging issues/risks facing financial institutions and markets, and how financial institutions and markets manage and operate to in light of these regulatory and supervisory requirements.

**FINC 4750 ADVANCED FINANCIAL MODELING (3)** LEC. 3. Pr. FINC 3750 and (FINC 4650 or FINC 4653). Departmental approval. The course teaches advanced financial modeling and valuation, including public and acquisition comparables, discounted cash flows, merger consequences and leveraged buyout analysis.

**FINC 4760 ADVANCED SECURITY ANALYSIS (3)** LEC. 3. Pr. FINC 4750 or Departmental approval. The course focuses on the comprehensive analysis of individual securities for potential inclusion in an actively managed investment portfolio. The course will cover the basics of traditional financial statement and valuation analysis in addition to macro-economic analysis, political analysis, technical analysis, derivatives, history of financial markets, commodities, competitive analysis, fixed income analysis, and trading.

**FINC 4780 ADVANCED PORTFOLIO MANAGEMENT (3)** LEC. 3. Pr. FINC 4760. Departmental approval. The course teaches students to analyze financial problems and develop sophisticated financial models for modern portfolio management.

**FINC 4900 DIRECTED STUDIES (1-3)** IND. SU. Departmental approval. Advanced individual research and study in finance under the direction of a faculty member. Course may be repeated for a maximum of 6 credit hours.

**FINC 4920 INTERNSHIP (1-6)** AAB/INT. SU. Departmental approval. The internship program offers the opportunity to gain relevant and meaningful work experience. Course may be repeated for a maximum of 9 credit hours.

**FINC 4970 SPECIAL TOPICS (1-3)** AAB. Departmental approval. Specialized topics and current developments and innovations in finance. Course may be repeated for a maximum of 6 credit hours.

**FINC 4997 HONORS THESIS (1-6)** IND. Pr. Honors College. Departmental approval.. Course may be repeated for a maximum of 6 credit hours.

**FINC 5250 REAL ESTATE FINANCE (3)** LEC. 3. Pr. FINC 3250 and (FINC 3610 or FINC 3613 or FINC 3617). This class presents the fundamental concepts of real estate finance. Students will study the institutions and instruments of real estate finance, factors affecting the flow of funds into various real estate markets, and how lenders assess risks and price their loans. The ultimate investment outlets for many of the financing products studied in the course are also covered in some detail. Real estate basics will be briefly reviewed. The main focus will be on the legal, economic, institutional, quantitative, and strategic elements of the real estate financing process for both residential and commercial properties.

**FINC 5260 REAL ESTATE INVESTMENT (3)** LEC. 3. Pr. (FINC 3610 or FINC 3613 or FINC 3617) and FINC 3250. Analysis and evaluation of real estate investments including cash flow measurement for both residential and commercial investment projects.

**FINC 5510 MULTINATIONAL FINANCIAL MANAGEMENT (3)** LEC. 3. Pr. FINC 3610 or FINC 3613 or FINC 3617. Advantages and problems associated with the modern multinational corporation, including analysis of currency risk, hedging, and political risk.

**FINC 5670 MERGERS, ACQUISITIONS, AND RESTRUCTURING (3)** LEC. 3. Pr. FINC 3630 or FINC 3633. Strategic analysis of corporate restructuring including valuation methods, control issues, takeover defense measures, and diversification issues. May count either FINC 5670 or FINC 6670/FINC 6676.

**FINC 5680 FINANCIAL ENGINEERING (3)** LEC. 3. Pr. FINC 3630 or FINC 3633 or FINC 3640 or FINC 3700. Examination of derivative securities with emphasis on applying derivative securities to the management of corporate financial risk.

**FINC 6250 REAL ESTATE FINANCE (3)** LEC. 3. Pr. FINC 7600 or FINC 7606 or BUSI 7110 or BUSI 7116. Departmental approval. Study of real estate markets including regulatory and legal issues, valuation of income producing property, financing sources, corporate real estate, investment performance measurement.

**FINC 6260 REAL ESTATE INVESTMENT (3)** LEC. 3. Pr. BUSI 7110 or BUSI 7116. This class presents the fundamental concepts of real estate investment analysis. Students will study lease analysis to allow for cash flow projection based on those leases. Students will use those cash flow projections in property valuation to enable a discussion of deal structuring, ownership structures, and funding sources. Real estate as an asset class will be discussed in a broader portfolio context, including REIT, mutual fund, and hedge fund investing. Coverage of those institutional investors also allows for framing real estate in a global investing context. Emerging trends will be discussed as time allows. Real estate basics will be briefly reviewed. The main focus will be on the legal, economic, institutional, quantitative, and strategic elements of real estate investing in a modern, global context.

**FINC 6510 MULTINATIONAL FINANCIAL MANAGEMENT (3)** LEC. 3. Advantages and problems associated with the modern multinational corporation, including analysis of currency risk, hedging, and political risk.

**FINC 6670 MERGERS, ACQUISITIONS AND RESTRUCTURING (3)** LEC. 3. Pr. BUSI 7110 or BUSI 7116. Strategic analysis of corporate restructuring including valuation methods, control issues, takeover defense measures, and diversification issues. Departmental approval. May count either FINC 6670 or FINC 6676.

**FINC 6680 FINANCIAL ENGINEERING (3)** LEC. 3. Pr. FINC 7600 or FINC 7606 or BUSI 7110 or BUSI 7116. Departmental approval. Theory and pricing of derivative securities with emphasis on applying derivative securities in corporate financial risk management.

**FINC 7630 HEALTH CARE FINANCE (3)** LEC. 3. Pr. (FINC 7600 or FINC 7606) or BUSI 7110 or BUSI 7116. Departmental approval. Techniques and analysis of financial management in a health care setting. Emphasis on financial planning and forecasting, budgeting, capital investment analysis in the regulated healthcare marketplace.

**FINC 7640 ADVANCED INVESTMENTS (3)** LEC. 3. Pr. (FINC 7600 or FINC 7606) or (BUSI 7110 or BUSI 7116). Departmental approval. Types of investment securities, regulation and operation of securities markets and the theory and practice of investments.

**FINC 7650 APPLIED FINANCIAL MANAGEMENT (3)** LEC. 3. Pr. (FINC 7600 or FINC 7606) or BUSI 7110. Departmental approval. The integration of financial theory with practice through spreadsheets, case analysis, company analysis, and current topics in finance.

**FINC 7660 SECURITY ANALYSIS AND MANAGEMENT (3)** LEC. 3. Pr. (FINC 7600 or FINC 7606) or (BUSI 7110 or BUSI 7116). Departmental approval. Advanced analytical methods for security valuation, managing investment portfolios, and developing appropriate investment strategies.

**FINC 7690 GLOBAL FINANCIAL MARKETS (3)** LEC. 3. Analysis and examination of financial institutions and markets in an evolving regulatory and global marketplace for financial services and products.

**FINC 7900 DIRECTED STUDIES (1-3)** IND. SU. Departmental approval. In-depth research and study under the direction of a faculty member. Topics are variable within finance and finance-related areas. Course may be repeated for a maximum of 6 credit hours.

**FINC 7970 SPECIAL TOPICS (1-3)** DSL. Departmental approval. Specialized topics in finance and finance-related areas not otherwise covered in existing courses. Course may be repeated for a maximum of 6 credit hours.

**FINC 7990 RESEARCH AND THESIS (1-10)** MST. Course may be repeated with change in topics.

**FINC 8620 THEORY OF FINANCE (3)** LEC. 3. Pr. FINC 7600 or FINC 7606 or FINC 7640 or FINC 7646. Choice under certainty and uncertainty, time-state preference models, stochastic dominance, the mean-variance criterion, and asset pricing models Miller-Modigliani propositions would be developed.

**FINC 8640 INVESTMENTS (3)** SEM. 3. Pr. FINC 8620. This course focuses on current literature in Investments. Students should develop the insights necessary to identify problems and conduct research in Investments.

**FINC 8650 SEMINAR IN CORPORATE FINANCE (3)** SEM. 3. Pr. FINC 86250. This course focuses on current literature in Corporate Finance. Students should develop the insights necessary to identify problems and conduct research in Corporate Finance.

**FINC 8690 FINANCIAL MARKETS AND INTERMEDIATION (3)** LEC. 3. Pr. FINC 8620. This course focuses on current literature in financial markets and intermediation. Students should develop the insights necessary to identify problems and conduct research in this area.

**FINC 8700 SPECIAL TOPICS IN FINANCE (3)** LEC. 3. Pr. FINC 7600 or FINC 7606 or FINC 7640 or FINC 7646. Varies according to faculty and students interests. This could be a course like Options, Futures and Derivatives, or a course with several participating faculty members discussing their own research.

**FINC 8800 SEMINAR ON FACULTY RESEARCH AND EXTENSIONS (1-3)** LEC. 3. SU. Departmental approval. Rotating faculty members will present their current published and unpublished research. Readings will be assigned. Student/faculty discussions are expected to follow the usual seminar format.

**FINC 8880 SEMINAR (1)** SEM. SU. Admission to the Ph.D. in Business with a Concentration in Finance. Seminar presentations by visiting scholars, Finance Faculty and Ph.D. students.

**FINC 8990 RESEARCH AND DISSERTATION (1-12)** DSR. Course may be repeated for a maximum of 60 credit hours.