

Finance

Undergraduate Study

For undergraduate curriculum in business, major in finance.

In addition to the basic business requirements, finance majors must also complete:

FIN 310	Corporate Finance *	3
FIN 320	Investments	3

Select four from the following (two must be 400-level):

FIN 327	Fixed Income Securities
FIN 330	Financial Markets and Institutions
FIN 361	Personal Risk Management and Insurance
FIN 371	Real Estate Principles
FIN 415	Business Financing Decisions
FIN 424	Financial Futures and Options
FIN 425	Security Analysis and Portfolio Management
FIN 428	Advanced Fixed Income Analysis and Portfolio Management
FIN 435	Venture Capital, Private Equity, and Mergers and Acquisitions
FIN 445	Bank Management Decisions
FIN 462	Corporate Risk Management and Insurance
FIN 472	Real Estate Finance
FIN 480	International Finance

Select one from the following:

ACCT 383	Intermediate Managerial Accounting
ACCT 386	Intermediate Accounting I
ACCT 387	Intermediate Accounting II

or any 400 level course listed above.

* STAT 326 Introduction to Business Statistics II is highly recommended to be taken as a prerequisite

The courses in finance constitute a broad program of study designed to provide a descriptive, behavioral, and analytical background of financial management to enable students to qualify for opportunities in financial services, insurance, brokerage, government, real estate, and financial management of business enterprises. Finance is also an excellent area for those who wish to become more knowledgeable as consumers, particularly in the fields of investments, insurance, and real estate.

Areas of study in the field of finance include corporate financial management, investments, portfolio management, insurance, real estate, bank, and risk management. Upper-level courses include a review of contemporary literature in the field, case studies, and financial problem analysis integrating finance courses previously taken.

The instructional objective of the Finance program is to provide a well-rounded professional education in finance. Such an education should provide the student with:

1. a mastery of basic financial concepts and methods of analysis
2. an understanding of financial operations in a global setting and of the role of financial institutions in the economy
3. an ability to effectively communicate and work with others as the finance member of a team
4. an ability to demonstrate leadership capabilities in financial analysis and portfolio management.

The department also offers a minor for non-finance majors in the College of Business. The minor requires 15 credits from an approved list of courses, of which 9 credits must stand-alone. Students with declared majors have priority over students with declared minors in courses with space constraints.

Graduate Study

The department participates in the full-time and part-time Master of Business Administration (M.B.A.) program. The M.B.A. is a 48-credit, non-thesis, non-creative component curriculum. Thirty of the 48 credits are core courses and the

remaining 18 are graduate electives. Within the M.B.A. program, students may develop an area of specialization in finance.

Courses primarily for undergraduates:

FIN 301. Principles of Finance.

(3-0) Cr. 3. F.S.SS. *Prereq: ACCT 284, ECON 101, STAT 226*

Introduction to financial management with emphasis on corporate financing and investment decision making, time value of money, asset valuation, capital budgeting decision methods, cash budgeting, and financial markets.

FIN 310. Corporate Finance.

(3-0) Cr. 3. F.S.SS. *Prereq: FIN 301*

Theory used in a firm's investment and financing decisions. Analysis of environment in which financial decisions are made; applications of analytical techniques to financial management problems.

FIN 320. Investments.

(3-0) Cr. 3. F.S.SS. *Prereq: FIN 301*

Introduction to securities and markets from the viewpoint of the individual investor. Emphasis on mechanics of trading, measurement of return and risk, behavior of security prices, valuation of stocks and bonds, mutual funds, portfolio selection techniques, and performance evaluation.

FIN 327. Fixed Income Securities.

(3-0) Cr. 3. *Prereq: FIN 301*

Valuation of fixed income securities, including pricing conventions, term structure of interest rates, default, duration, and hedging of interest rate risk with derivatives. Analysis of bond market sectors, including treasury, agency, corporate, sovereign, municipal, and residential mortgage bonds. Nonmajor graduate credit.

FIN 330. Financial Markets and Institutions.

(3-0) Cr. 3. F.S. *Prereq: FIN 301*

Introduction to the structure and operations of the United States financial system and its markets and institutions. Emphasis on developing an integrated understanding of markets and financial service providers including global linkages.

FIN 361. Personal Risk Management and Insurance.

(3-0) Cr. 3. F.S. *Prereq: ECON 101*

Risk concepts and the use of insurance by individuals and families. Emphasis on the insurance mechanism and methods of dealing with income, property, and liability risks.

FIN 371. Real Estate Principles.

(3-0) Cr. 3. SS. *Prereq: ECON 101*

Legal, economic, social and financial aspects of real estate, including property rights, contracts, mortgage instruments, tax factors, brokerage, valuation, risk and return analysis, financing techniques, and investments.

FIN 415. Business Financing Decisions.

(3-0) Cr. 3. *Prereq: FIN 301 and STAT 326*

In depth study of the firm's external financing decision. Emphasis on the development of cash flow statements, projected financing needs and the selection of the appropriate financing instrument. Focus on case studies and application of developed techniques on actual field project. Nonmajor graduate credit.

FIN 424. Financial Futures and Options.

(3-0) Cr. 3. *Prereq: FIN 320 and STAT 326*

Advanced study of the pricing and use of derivative market instruments, current topics and issues. Nonmajor graduate credit.

FIN 425. Security Analysis and Portfolio Management.

(3-0) Cr. 3. F.S. *Prereq: FIN 320, STAT 326 and permission of instructor*

Advanced study of security analysis, security selection techniques and portfolio management. Emphasis on the applications of methods learned via the selection and evaluation of a portfolio of actual securities purchased in securities markets in the U.S. or abroad. Tracking and periodic reporting of the portfolio's performance relative to standard benchmarks is also required. Nonmajor graduate credit.

FIN 428. Advanced Fixed Income Analysis and Portfolio Management.

(3-0) Cr. 3. *Prereq: FIN 327, FIN 320, STAT 326 and permission of the instructor*

Advanced analysis of fixed income markets and securities, including valuation and trading of treasury securities, corporate bonds, mortgage backed securities. Analysis of structured financial securities, including CDO, CMBS, and ABS. Analysis of active and passive investment strategies for managing fixed income portfolios. Students are required to manage a fixed income portfolio for an institutional investor. A top-down approach to portfolio management is assumed, with active bets taken on market direction, duration, yield curve, and credit spreads. Nonmajor graduate credit.

FIN 435. Venture Capital, Private Equity, and Mergers and Acquisitions.

(3-0) Cr. 3. S. Prereq: *FIN 310, FIN 320, STAT 326, and permission of instructor*
An advanced investments class that focuses on alternative investments. Topics include techniques for valuing public and private firms, venture capital finance, investment banking, private equity finance, leveraged buyouts, hedge funds, the structure and financing of mergers and acquisitions, and divestitures. Nonmajor graduate credit.

FIN 445. Bank Management Decisions.

(3-0) Cr. 3. F.S. Prereq: *STAT 326 and FIN 330*

Analysis of operations of depository financial institutions from management viewpoint. Emphasis on evaluating performance, policy formation, asset and liability management, the role of capital, and the operating environment. Nonmajor graduate credit.

FIN 462. Corporate Risk Management and Insurance.

(3-0) Cr. 3. F. Prereq: *FIN 301 and STAT 326*

Analysis of an organization's approaches to the management of price, credit, and pure risk. Emphasis on the consideration and selection of risk control and financing treatments and the decision making framework underlying the alternatives selected. Covers commercial insurance, self-insurance, and alternative financing arrangements. Nonmajor graduate credit.

FIN 472. Real Estate Finance.

(3-0) Cr. 3. Prereq: *FIN 301 and STAT 326*

Introduction to the techniques of assessing the value of real estate and real estate financing instruments. Nonmajor graduate credit.

FIN 480. International Finance.

(3-0) Cr. 3. F.S. Prereq: *FIN 301 and STAT 326*

Advanced study of currency market equilibrium, use and analysis of currency derivatives, hedging currency risk, and additional topics, which could include multinational capital budgeting, taxation, raising capital internationally, international portfolio diversification, international capital market equilibrium, political and country risk, financing international trade, multinational corporate treasury management, and current issues. Nonmajor graduate credit.

FIN 490. Independent Study.

Cr. 1-3. Repeatable. Prereq: *FIN 301, STAT 326 and permission of instructor*

FIN 499. Finance Internship.

(3-0) Cr. 1-3. F.S.SS. Prereq: *GPA 2.5; permission of internship coordinator; STAT 326; FIN 499A: FIN 330; FIN 499B: FIN 361; FIN 499C: FIN 301 plus 3 additional credits in finance; FIN 499D: FIN 320; FIN 499E: FIN 310*

Supervised experience in a private sector banking, insurance, real estate, investments or corporate organization or in a governmental agency that regulates such organizations. Offered on a satisfactory-fail basis only.

FIN 499A. Finance Internship:Banking.

(3-0) Cr. 1-3. F.S.SS. Prereq: *GPA 2.5; permission of internship coordinator; STAT 326.*

Supervised experience in a private sector banking, insurance, real estate, investments or corporate organization or in a governmental agency that regulates such organizations. Offered on a satisfactory-fail basis only.

FIN 499B. Insurance.

(3-0) Cr. 1-3. F.S.SS. Prereq: *GPA 2.5; permission of internship coordinator; FIN 361 and STAT 326*

Supervised experience in a private sector insurance organization or in a governmental agency that regulates such organizations. Offered on a satisfactory-fail basis only.

FIN 499C. Real Estate.

(3-0) Cr. 1-3. F.S.SS. Prereq: *GPA 2.5; permission of internship coordinator; FIN 301 plus 3 additional credits in finance and STAT 326;*

Supervised experience in a private sector real estate organization or in a governmental agency that regulates such organizations. Offered on a satisfactory-fail basis only.

FIN 499D. Investments.

(3-0) Cr. 1-3. F.S.SS. Prereq: *GPA 2.5; permission of internship coordinator; FIN 320 and STAT 326*

Supervised experience in a private sector investment organization or in a governmental agency that regulates such organizations. Offered on a satisfactory-fail basis only.

FIN 499E. Corporate.

(3-0) Cr. 1-3. F.S.SS. Prereq: *GPA 2.5; permission of internship coordinator; FIN 310 and STAT 326*

Supervised experience in a private sector corporate organization or in a governmental agency that regulates such organizations. Offered on a satisfactory-fail basis only.

Courses primarily for graduate students, open to qualified undergraduates:**FIN 501. Financial Valuation and Corporate Financial Decisions.**

(3-0) Cr. 3. Prereq: *Enrollment in MBA program or departmental permission.*

Shareholder wealth maximization as the goal of the firm within a social responsibility context, financial Math, valuation of securities, the global financial market place as the test of value, estimation of cost of capital, global capital investment decisions, capital structure policy, working capital management.

FIN 510. Advanced Corporate Finance.

(3-0) Cr. 3. Prereq: *FIN 501*

Examines corporate financial decisions, including theory and associated empirical evidence. Topics include agency conflicts, corporate governance, executive compensation, becoming publicly traded, raising capital through public and private offerings, capital structure, financial distress and bankruptcy, leasing, dividend policy, corporate control, restructuring, and risk management.

FIN 515. Case Studies in Financial Decision Making.

(3-0) Cr. 3. Prereq: *FIN 501*

This course focuses on case studies to develop an integrated set of financial decisions. Topic areas include fixed asset, working capital, capital structure, dividend and merger/acquisition decisions. The objective of the course is to examine different firm settings and establish a framework within which to apply financial tools.

FIN 520. Investments.

(3-0) Cr. 3. Prereq: *FIN 501*

Analysis of risk and return for individual securities and portfolios of securities. Topics include the market environment, mechanics of trading, measurement of return and risk, valuation of stocks and bonds, mutual funds, optimal asset allocation, market efficiency, portfolio performance evaluation, and risk management.

FIN 534. Financial Derivatives.

(3-0) Cr. 3. F. Prereq: *Graduate classification*

An applied course in derivative markets. Topics covered include futures and options markets, option pricing, swaps, use and rating of insurance products, and alternative forms of reinsurance. Emphasis will be placed on agricultural commodity markets, but energy, interest, currency and stock index contracts will also be covered.

FIN 535. Venture Capital, Private Equity, and Mergers and Acquisitions.

(3-0) Cr. 3. Prereq: *FIN 501*

Advanced investments class focusing on alternative investments. Topics include the nature and scope of investment banking, techniques for valuing public and private firms, venture capital finance, private equity finance, leveraged buyouts, hedge funds, the structure and financing of mergers and acquisitions, and divestitures.

FIN 572. Real Estate Finance.

(3-0) Cr. 3. Prereq: *MBA Core*

Survey of techniques for assessing the value of real estate assets. Introduction to real estate financing instruments, their use and appropriateness.

FIN 590. Special Topics.

Cr. 1-3. Repeatable. F.S.SS. Prereq: *Permission of instructor*

For students wishing to do individual research in a particular area of finance.