

# FINANCE (FINA)

## FINA 294 | SPECIAL TOPICS IN FINANCE

**Units: 1-4 Repeatability: Yes (Repeatable if topic differs)**

An overview and analysis of selected topics in finance. The course may be repeated if the topic changes. Prerequisites may change depending on the topic.

## FINA 300 | FINANCIAL MANAGEMENT

**Units: 3 Repeatability: No**

Prerequisites: ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C- and (ECON 216 with a minimum grade of C- (Can be taken Concurrently) or ECON 217 with a minimum grade of C- (Can be taken Concurrently)) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-)

This course is an introduction to the fundamental principles that guide the financial manager in making asset management, valuation and financing decisions. Topics include ratio analysis, time value of money, stock and bond valuation, risk and return (CAPM), capital budgeting, financial planning, cost of capital and options. (Note: ECON 216 or ECON 217 may not be taken concurrently during intersession or summer sessions. ECON 216 or ECON 217 may only be taken concurrently if it is taken during the fall or spring semester.) Students are eligible for this course after successfully completing 45 units and the course prerequisites.

## FINA 401 | COMMERCIAL BANK MANAGEMENT

**Units: 3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

This course examines operating and policy issues bankers face in their efforts to maximize shareholder value. Topics include evaluating bank performance, measuring and controlling risks, managing the loan portfolio, and liability and capital management. Recent industry trends and the interaction between financial institutions and the economy are studied.

## FINA 402 | INVESTMENTS

**Units: 2-3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

This course surveys the basic principles and techniques of security and investment analysis. It covers capital markets, stocks, fixed-income portfolios, options, futures contracts and other derivatives. Market analysis methods are examined, and sources of analytical information and their use are studied.

## FINA 403 | DERIVATIVES

**Units: 3 Repeatability: No**

Prerequisites: FINA 300 and FINA 402 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101

This course is an introduction to derivative security markets including call and put options, futures and forward contracts, and swaps. Topics include the economic role of derivatives, valuation of derivatives, derivative trading strategies and the management of corporate risk with derivatives. The aim of the course is for students to gain proficiency in the use and valuation of a variety of derivative products.

## FINA 404 | ADVANCED CORPORATE FINANCE

**Units: 3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

The objective of this course is to apply financial management concepts to business situations through the use of case studies. The course will enhance your understanding of corporate finance topics, such as, valuation, capital budgeting, risk and return, cost of capital, capital structure, dividend policy and mergers. The focus of the course is on applied and analytical financial decision making and will require written case reports and the presentation of case analyses.

## FINA 405 | INTERNATIONAL FINANCIAL MANAGEMENT

**Units: 3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

An introduction to the problems facing the financial management of international companies. Topics include foreign exchange exposure management, financing trade, foreign direct investments, international accounting and control, and working capital management.

## FINA 406 | PERSONAL FINANCE

**Units: 3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

This course will cover the financial planning, taxation and regulatory aspects of an individual's lifelong saving, borrowing and investment decisions. The course will educate persons in making informed financial choices over their working careers. The topics include – credit management, credit scores, tax planning, consumer loans, home purchase and mortgage financing, property, life and health insurance, mutual funds, stock and bond investing, IRAs, 401k plans, retirement and estate planning.

## FINA 407 | NEW VENTURE FINANCE

**Units: 3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

This course is based on experiential learning and presents a comprehensive stage-sensitive approach to entrepreneurial finance. The course is designed for students to perform real-world financial analyses and make financial decisions for a company throughout its venture life cycle, from the founding of a company to its liquidity event for its investors. The course is constructed as a combination of lectures, project workshops, and discussions based on five key entrepreneurial financial decision areas-the founders agreement, planning and financing of operations, forecasting growth financing, venture capital financing, and the liquidity event for investors.

**FINA 408 | FINANCIAL STATEMENT ANALYSIS****Units: 3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

This course develops a set of core skills essential to financial statement analysis. It covers strategic ratio analysis, cash flow analysis, pro forma financial statements, financial modeling and firm valuation using discounted cash flow and residual income models, with an emphasis on practical applications.

**FINA 409 | FINANCIAL MODELING AND ANALYSIS****Units: 3 Repeatability: No**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

This course covers financial modeling techniques applied to optimal decision making in the areas of corporate finance and investment banking. Topics include the construction of comprehensive valuation models, using precedent transactions and comparable companies in valuation, strategic industry analysis, and mergers and acquisitions.

**FINA 410 | STUDENT MANAGED INVESTMENT FUND****Units: 1 Repeatability: Yes (Can be repeated for Credit)**

Prerequisites: (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-)

In this course students make recommendations for an investment portfolio with actual money. The purpose of the course is to enable students to put into practice investment concepts and to expose students to the psychology and mechanics of investment decisions. Finance Department Chair's approval required to enroll in this class.

**FINA 494 | SPECIAL TOPICS IN FINANCE****Units: 1-4 Repeatability: Yes (Repeatable if topic differs)**

Prerequisites: FINA 300 and (ECON 216 with a minimum grade of C- or ECON 217 with a minimum grade of C-) and (MATH 130 with a minimum grade of C- or MATH 133 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-) and ACCT 201 with a minimum grade of C- and ECON 101 with a minimum grade of C-

An in-depth analysis of selected topics in finance. The course may be repeated if the topic changes. Prerequisites may change depending on the topic.

**FINA 496 | UNDERGRADUATE RESEARCH****Units: 1-3 Repeatability: Yes (Can be repeated for Credit)**

Students develop and/or assist in research projects in various fields of finance under the supervision of a faculty member. Students will meet with a faculty member, with whom a research relationship is established, on an on-going basis to discuss the research project, assess the student's role and responsibilities, and to discuss the process of conducting scholarly research. Students may participate in a range of research activities, including but not limited to: survey construction and design, project management, participant solicitation, experimental research, qualitative interviewing, focus group moderation, fieldwork, literature searches, data entry, data analysis, critical analysis, political economy inquiries, and writing of instruments and manuscripts. Students must register with a specific faculty member with whom they complete a contract outlining the roles and responsibilities of the student and faculty member. A maximum of three units of undergraduate research may be used to satisfy requirements for the major. Requires professor's and department chair's approvals.

**FINA 499 | INDEPENDENT STUDY****Units: 1-3 Repeatability: Yes (Can be repeated for Credit)**

Prerequisites: (MATH 130 with a minimum grade of C- or MATH 150 with a minimum grade of C- or MATH 151 with a minimum grade of C-)

Independent study including empirical research and written reports. A maximum of 3 units of independent study may be used to satisfy requirements for the major.