

FINANCE (FIN)

FIN 530 Managerial Finance

Prerequisite: BUS 500A, BUS 500C, and BUS 500D or equivalents

The objective of this course is to provide students with an understanding of asset allocation analysis. To support this objective the course will concentrate on the role of a financial manager in making capital investing decisions. Letter grade only. Not challengeable.

Semester Hours: 3

FIN 531 Theory of Finance

Prerequisite: Completion of FIN 530 or BUS 530 or BUS 635

This course presents modern financial scholarship and its role in supporting the internal decision-maker. The course will cover empirical evidence as tests of theories. Topics to be covered will include: utility theory, portfolio theory, capital structure and cost of capital, capital budgeting, real options, and acquisitions and divestitures. Letter grade only. Not challengeable.

Semester Hours: 3

FIN 532 Derivatives

Prerequisite: Completion of FIN 530 or BUS 530 or BUS 635

This course is designed to provide students with the necessary knowledge to analyze different financial derivatives and their use in risk management. The course will present options, forward agreements, futures, swaps, and credit derivatives, and their use for managing portfolio risk and real investment under uncertainty. This will be achieved through the analysis of portfolio sensitivity using the Greeks and other numerical procedures. Letter grade only. Not challengeable.

Semester Hours: 3

FIN 533 Investments

Prerequisite: Completion of FIN 530 or BUS 530 or BUS 635

The goal of this course is to provide the theoretical and practical framework to analyze stocks, bonds, options, and futures contracts and whether they are appropriate for inclusion in an investment portfolio. The course is highly quantitative. Topics include: the investment environment, portfolios management, asset pricing theories, market efficiency, equities, bonds, derivative securities, and portfolio management. Letter grade only. Not challengeable.

Semester Hours: 3

FIN 570 Econometrics in Finance

This course provides students with quantitative skills and expertise required to carry out regression analysis, forecasting and financial market analysis, designing and implementing applied econometric projects as well as providing advanced knowledge and skills in finance. These skills are extremely attractive to the business and financial services sector. The course uses various teaching methods including lectures, in-class lab sessions, homework assignments, and exams. Letter grade only. Not challengeable.

Semester Hours: 3

FIN 594 Master's Thesis in Financial Economics

Prerequisite: FIN 530, Advanced Standing, and 15 units in the core classes of the MS Finance program

. The course gives students the opportunity to study a topic in finance and write a paper that expands on the current body of knowledge in the field. Letter grade only. Not challengeable.

Semester Hours: 3

FIN 596 Financial Modeling

Prerequisite: FIN 531, Advanced Standing, and 15 units in the core classes of the MS Finance program

This course will focus on conceptualizing, developing, and applying financial models to a diverse set of real-world companies, financial markets, and events. The course will stress a hands-on, interactive approach to learning the cyclical nature of financial modeling. To accomplish this, the student will be introduced to numerous professional and academic databases, models, and software. The overall goal is to become proficient in using these tools so that the student can successfully apply proper modeling techniques to various real-world financial problems. Letter grade only. Not challengeable.

Semester Hours: 3

FIN 598 Internship in Finance

Prerequisite: 12 units in the core classes of the MS Finance program

. Internship for the MS Finance program. Credit/no credit only. Not challengeable.

Semester Hours: 3