GLOBAL FINANCE (GFIN)

GFIN 7010 Corporate Finance (3)
Corporate Finance is a graduate course designed to cover the learning needs of participants who must manage the concepts and theories of modern corporate finance. During the sessions, we will discuss different topics related to corporate financial management that directly affect the value of a corporation, among them: (1) the intrinsic relationship between risk and return, (2) modeling project and corporate valuation, (3) identifying the determinants of the cost of capital, capital structure policy, and dividend policy, and (4) issues in raising new capital and short-term financial management. The ultimate goal is that you get a clear understanding how the concepts are applied by a corporate CFO.

GFIN 7020 Intl Financial Managemnt (1-3)

GFIN 7030 Investments (3)
This course will focus on the fundamental principles of risk and return, as they relate to equities and portfolios. Students will learn about financial decision-making from the perspective of an investor and/or a portfolio manager. We will start with a rigorous development of modern portfolio theory and how it leads to the development of both the Capital Asset Pricing Model and some multifactor pricing models. From there, we will study a variety of topics such as Market Indexes, Professional Asset Management, and Market Efficiency.

GFIN 7040 Fixed Income Analytics (3)
This course is designed to familiarize students with fixed income securities, as well as contemporary models and techniques used to price and hedge them. This course will cover: (1) Fixed income markets, instruments, and derivatives (including swaps), (2) Fixed income analytics (such as yield, duration, and convexity), (3) Models of the term structure, (4) Analytical models (single and multi-factor), and (5) Credit Risk: Structured products and credit derivatives.

GFIN 7050 Options, Futures & Derivatives (3)
This course covers the pricing and use of derivative securities, including forward contracts, swaps, futures, and options. The course emphasizes the role of derivatives in managing risks.

GFIN 7060 Valuation & Financing Enterprises (3)
This course analyzes the concepts and theories of valuation. The course builds on the core finance topics covered in fundamental finance and covers a wide range of topics related to valuation.

GFIN 7110 Financial Institutes & Markets (3)

GFIN 7120 Cases in Financial Management (3)

GFIN 7130 Financial Law & Regulation (3)

GFIN 7140 Portfolio Management (3)
This course covers the theoretical and practical frameworks to understand portfolio management. The course will present portfolio management as a dynamic process involving several non-linear stages: development of the investment policy statement–a general framework with explicit objectives and constraints; formulation of expectations about capital markets returns; define the strategic and the tactical asset allocation; execution of portfolio decisions; monitoring and portfolio rebalancing; measurement–performance, attribution, and appraisal.

GFIN 7660 Risk Management (3)
This course includes the key elements of classic corporate risk management and covers the pricing and use of derivative securities to manage corporate risk. Applications of the use of derivative securities to manage risk will have an emphasis on the use of derivative securities to manage the corporate risk of financial institutions. Business cases and simulations reinforce key concepts and focus on the practical application of risk management tools. Topics will include Value-at risk (VaR), sensitivity analysis (and its connection to regulatory capital requirements), stress testing, and credit risk management. Students will complete an empirical project that will include a VaR Analysis Report utilizing stress testing.