

FINANCE (FINANCE)

FINANCE 5000 Special Problems (IND 0.0-6.0)

Problems or readings on specific subjects or projects in finance.
Prerequisite: Admission to the MBA program and permission of the instructor.

FINANCE 5001 Special Topics (LEC 0.0-6.0)

This is designed to give the department an opportunity to test a new course. Variable title. Prerequisite: Admission to the MBA program.

FINANCE 5099 Research (IND 0.0-9.0)

Research investigation of an advanced nature leading to a major report suitable for publication in a journal or in a conference proceedings.
Prerequisite: Permission of the instructor.

FINANCE 5160 Corporate Finance II (LEC 3.0)

This course provides a rigorous and consistent presentation of the theory of financial decisions. Capital markets are analyzed under assumptions of risk aversion and uncertainty. Models of modern portfolio theory are discussed including the CAPM and the Modigliani-Miller analysis.
Prerequisite: Finance 2150 or graduate standing and basic corporate finance knowledge.

FINANCE 5205 Graduate Finance Essentials (LEC 1.5)

This course is an introduction to the essentials of corporate finance for running a business. This course is designed for students planning to enter the MBA program. Credit in this course cannot be applied to any major or minor in Business, Information Sciences and Technology. Additional case or report required. Prerequisite: Bachelor Degree.

FINANCE 5260 Investments I (LEC 3.0)

Introduction to fundamental elements of investment analysis. Students learn financial tools and gain necessary knowledge to select among alternative financial assets. Real world experience includes stock analysis, portfolio simulations and interactions with professionals in the securities industry. Prerequisites: Finance 2150 or graduate standing and basic corporate finance knowledge.

FINANCE 5310 Financial Technology and Analytics (LEC 3.0)

This course is built on finance theory, financial analysis, and quantitative methods from prerequisite courses. Students will design and construct integrated financial models. The objective is to offer students opportunities to experience hands-on numerical analyses, company valuation, and dynamic projections. Prerequisites: Finance 2150 or Graduate Standing and basic corporate finance knowledge.

FINANCE 6001 Special Topics (IND 0.0-6.0)

This is designed to give the department an opportunity to test a new course. Variable title. Prerequisite: Admission to the MBA program.

FINANCE 6099 Research (IND 0.0-6.0)

Research investigation of an advanced nature leading to a major report suitable for publication in a journal or in a conference proceedings.
Prerequisite: Permission of the instructor.

FINANCE 6230 Advanced Mathematical Finance (LEC 3.0)

Topics include exotic options, liquidity, volatility surfaces, discrete hedging, market jumps, calibrating to market, modeling yield curves and related products, convertible bonds, credit derivatives, various hybrid derivatives, applicable numerical methods. Prerequisite: Finance 2150.
