FINANCE (FINC)

FINC 499-0 Independent Study (1 Unit)
Students who have established superior records and wish to study some
significant phase of finance in more depth than is provided in regular
courses may register for independent study with a selected instructor.
Permission of the instructor and department are required.

FINC 520-1 Time Series Analysis (1 Unit)
The specification, estimation, and testing of dynamic models involving
economic time series present a host of unique statistical problems
requiring the use of specialized inference procedures. This course
provides an overview of the most important of them. The focus will be
on results most relevant for applications, with the various econometric
techniques illustrated through problems in both macroeconomics and
finance.

FINC 584-0 Introduction to Econometrics (1 Unit)
This course provides an introduction to graduate level econometrics.
The first part of the course introduces basic probability and statistical
tools that are essential for econometric analysis. The second part of
the course covers basic econometric techniques for estimation and
hypothesis testing, which are of direct use in various applications in
economics and finance. The focus will be on results most relevant for
practical applications rather than formal proofs of theorems, with the
various econometric techniques illustrated through problems in both
economics and finance.

FINC 585-1 Asset Pricing I (1 Unit)
A doctoral-level course that offers an in-depth introduction to competitive
asset pricing theory: arbitrage pricing, equilibrium pricing and optimal
consumption/portfolio choice. Models are developed for a finite
information tree, but from an advanced perspective that motivates and
builds intuition toward continuous-time modeling.

FINC 585-2 Asset Pricing II (1 Unit)
This course covers recent developments in asset pricing theory,
placing emphasis on the link between financial markets and the real
economy. The topics covered include: models of portfolio choice, general
equilibrium models of risk and return, and models with financial frictions.

FINC 585-3 Asset Pricing III (1 Unit)
This course covers topics in the empirical asset pricing literature with
an emphasis on recent developments. Topics include: Latent factor
models; GMM theory and applications in finance; return predictability;
performance evaluation; affine asset pricing models, Estimation of
asset risk premia; estimation of volatility and jump risks from low/
high frequency data; empirical derivatives pricing using parametric and
nonparametric methods.

FINC 586-1 Corporate Finance I (1 Unit)
This course introduces students to theories of corporate financing and
investment decisions; optimal financial contracting and security design;
financial intermediation; and financial crises. Throughout we study the
effects of incentive problems and asymmetric information.

FINC 586-2 Corporate Finance II (1 Unit)
This course provides a theoretical and empirical treatment of major
topics in empirical corporate finance, including: investment decisions,
capital structure, corporate governance, and law and finance.

FINC 586-3 Corporate Finance III (1 Unit)
This course provides a theoretical and empirical treatment of major
topics in empirical corporate finance, including financial contracting;
banking, securitization, and financial regulation: household finance and
macroeconomics; entrepreneurship and venture capital.

FINC 590-0 Research (3 Units)
Independent investigation of selected problems pertaining to thesis or
dissertation. May be repeated for credit.