Asset Pricing Track

The Asset Pricing Track provides rigorous training in (i) the pricing/valuation of financial instruments, including corporate, fixed income, and derivative securities, (ii) investment strategies, including performance evaluation and portfolio theory, and (iii) the workings of capital markets, including the various participants in these markets, their roles, and the regulatory environment. Elective courses can be chosen to emphasize macroeconomic foundations, empirical methods, or quantitative finance. With an appropriate choice of elective courses, this track provides in-depth preparation for careers in asset management, sales and trading, fixed income and equity research, credit analysis, private equity, private wealth management, insurance, global finance (e.g., IMF, World Bank), central banking, regulation (e.g., SEC), economic consulting and policy, as well as graduate school in finance or economics.

Prerequisites

- Stern Business Tools (may be able to waive out of STAT-UB 1 with exam)
- Mathematics for Economists (ECON-UA 6), or Calculus II (MATH-UA 122) and Linear Algebra (MATH-UA 140)
- Introduction to Probability Theory (STAT-UB 14)

Essentials

- Foundations of Finance (FINC-UB 2)
- Corporate Finance (FINC-UB 7)
- The Financial System (new course AY 2013-14)
- Statistical Inference and Regression Analysis (STAT-UB 15) or Introduction to Econometrics (ECON-UA 266)

Advanced Electives – Four courses from the following list, including at least two “Investments“ electives

- Any Finance Elective
- Econometrics I (ECON-GB 3351), with permission of instructor
- Global Macroeconomics (MULT-UB 230)
- Macroeconomics Foundations for Asset Prices (ECON-UB 233)
- Advanced Topics in Modern Macroeconomics (ECON-UB 234)
- Introduction to Computer Programming (CSCI-UA 2) or Introduction to Computer Science (CSCI-UA 101) or Data Structures (CSCI-UA 102) or Numerical Analysis (MATH-UA 252) or Numerical Methods I (MATH-GA 2010)
- Forecasting Time Series Data (STAT-UB 18)
- Introduction to Stochastic Processes (STAT-UB 21)
- Decision Models (MULT-UB 7)
- Advanced Decision Models (MULT-UB 16)
- Trading Strategies and Systems (MULT-UB 35)
- Computational Approaches to Financial Engineering (INFO-UB 36)
- Data Mining for Business Intelligence (INFO-UB 57)
- Financial Modeling and Analysis (ACCT-UB 23)
- Analysis I (MATH-UA 325)
- Stochastic Calculus (MATH-GA 2902)