

FINANCIAL ANALYSIS GRADUATE CREDIT CERTIFICATE PROGRAM

Learning Outcomes

1. Master the basic tools of financial analysis including assessment of financial statements, valuation for stocks and bonds, capital budgeting, and assessing optimal capital structure.
2. Have a clear understanding and appreciation of a wide variety of risk types including market (systematic) risk, security (diversifiable) risk, psychological risks for investors, and several unique risks for different securities such as fixed-income securities. This class measures risk in terms of standard deviation (and variance) and in terms of beta.
3. Understand and quantify the role of risk management in two key ways. First, students will explore a variety of securities that would allow an investor or firm to hedge different risks and create value with risk management. Second, applied risk management projects ask students to identify firms that could benefit from management strategies.
4. Understand the entire spectrum of derivatives including those based on fixed-income securities, interest rates, foreign exchange, and equities. Master the basic techniques for the valuation of forwards, futures, swaps, and vanilla options (calls and puts).