

The Baruch College Financial Engineering MS Program Learning Goals

Mission Statement: The Baruch College Financial Engineering MS Program is a professional Masters Program which graduates competitive, high-quality individuals who successfully pursue careers in quantitative finance

Upon completion of the Financial Engineering MS Program, graduates will be able to:

- Exhibit broad and deep knowledge of financial markets and instruments
- Apply mathematical models to the study of financial instruments across markets
- Demonstrate excellent presentation and communication skills
- Display high proficiency in C++ and VBA programming for financial applications
- Quantify and estimate and the risk associated with financial instruments
- Develop pricing tools that interface with financial data providers such as Bloomberg and Reuters
- Implement numerical methods for pricing and hedging financial instruments in various financial markets

Proposed learning goals for the Master's Program in Corporate Communication

Mission

The Master of Arts in Corporate Communication is designed to prepare both aspiring and practicing corporate communication professionals to plan, implement, and assess corporate communication strategies in business and industry.

Vision

To establish and sustain the MA in Corporate Communication as the premier graduate program of its kind.

Preamble: The Graduate Program in Corporate Communication builds upon the competencies identified and embodied in the undergraduate learning goals.

Upon being awarded an MA in Corporate Communication, students will be able to:

- Demonstrate Intellectual Competency in the Field
- Exhibit Ethical Understanding and Awareness
- Apply effective and appropriate research tools and techniques
- Display competence in the strategic integration of knowledge
- Demonstrate knowledge of, and competency in, effective leadership
- Display media and technology literacy and expertise
- Comprehend and apply the theory and practice of strategic intercultural and global communication
- Analyze, evaluate and synthesize information to facilitate effective decision-making
- Demonstrate appropriate and effective advocacy competence

LEARNING GOALS OF PROGRAM: Students who complete the MS in Industrial/Organizational Psychology will be able to:

- Demonstrate a working knowledge of the primary individual, group, and organizational level factors that influence human functioning in the work place.
- Describe the relationships between individuals and the larger organizational systems in which they operate.
- Develop viable research questions regarding the effect of human capital on critical organizational outcomes.
- Design quantitative and qualitative research studies involving the collection and analysis of data to answer research questions regarding human functioning in work organizations.
- Create psychometrically sound measurement instruments of critical individual and organizational variables and constructs.
- Statistically analyze the relationships between key variables studied in industrial and organizational psychology.
- Apply research findings and principles from the scientific study of industrial and organizational psychology to the world of work.
- Translate findings from the field so they can be understood by both management and employees of work organizations.