

# STEVENS MBA

39 credits (18 months) | Full or part time | On campus or online

The Stevens MBA highlights the potential of technology and analytics, with a focus on teaching you to apply data-driven insights to make better decisions. This program recognizes that managers must be capable of using analytical and quantitative tools in solving problems. Classes emphasize collaborative work in developing creative, critical thinkers through the incorporation of the latest faculty research in management, analytics, innovation and marketing.

## CURRICULUM OVERVIEW

The curriculum includes three prerequisite courses establishing a basic management foundation. Students may waive these courses based on work or academic experience.

### LANGUAGE OF BUSINESS

Understand scientific and technical advances from the viewpoint of a manager who must carefully deploy resources in pursuit of innovation.

- Marketing Management
- Strategic Management
- Operations Management

### LEADERSHIP AND INNOVATION

These courses will challenge you to think critically about problems and creatively about resources.

- Leader Development
- Managerial Judgment and Decision Making
- Discovering and Exploiting Entrepreneurial Opportunities

### ANALYTICAL THINKING

These classes emphasize the use of analytics techniques, preparing you to use data in making better decisions.

- Data, Models and Decisions
- Applied Analytics

## CAPSTONE

The program concludes with a choice of capstone experience, in which you'll apply lessons to a real problem, start a business or complete a simulation.

## SPECIALIZATION

The Stevens MBA includes four electives to customize your studies. Students seeking more structure may choose from the following.

### BUSINESS INTELLIGENCE & ANALYTICS

- Marketing Analytics
- Supply Chain Analytics
- Social Network Analytics
- Risk Management

### FINANCE

- Private Equity and Venture Capital
- Investment Management
- Derivatives
- Corporate Finance

### FINANCIAL ANALYTICS

In addition to the below, includes several 1- and 2-credit lab courses in Bloomberg, R, Python and others.

- Financial Systems Technology
- Data Visualization Applications

## FINANCIAL ENGINEERING

Select four of the below.

- Intro to Stochastic Calculus
- Probability and Stochastic Calculus
- Intro to Financial Risk Management
- Computational Methods in Finance
- Portfolio Theory and Applications
- Pricing and Hedging

## INFORMATION SYSTEMS

- Managing Emerging IT
- Service Innovation
- Integration of IS Technologies
- Process Innovation and Management

## PROJECT MANAGEMENT

- Project Management Fundamentals
- Advanced Project Management
- Strategic Perspectives on Management
- Leading Across Projects



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