The biggest challenge technically oriented professionals face at work is translating their expertise into recommendations that drive business strategy. The Analytics MBA is a STEM program designed to help you overcome these challenges by preparing you to present data-driven insights as part of a broader business strategy. You’ll also gain important leadership and project management skills through business immersions, professional mentoring and entrepreneurship experiences.

**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**

Courses in this block help you understand scientific and technical advances from the viewpoint of a manager who must carefully deploy resources in pursuit of innovation.

- Marketing Management
- Discovering & Exploiting Entrepreneurial Opportunities
- Corporate Finance
- Strategic Management

**LEADERSHIP AND INNOVATION**

These courses will nurture the aspiring leader within you, challenging you to think critically about problems and creatively about resources.

- Leader Development
- Leading Creative Collaboration
- Human-Centered Design Thinking
- Service Innovation

**ANALYTICAL THINKING**

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

- Business Analytics: Data, Models and Decisions
- Multivariate Data Analytics
- Advanced Data Analytics and Machine Learning
- Applied Analytics

**CAPSTONE**

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

- Technology Commercialization Practicum
- Field Consulting Program
- Application and Integration of Technology Management

**EXPERIENTIAL COMPONENTS**

Coursework is a critical piece of the Analytics MBA experience at Stevens, but just as important are the experiential components that will round out the portfolio of skills you’ll use to get hired.

**PROFESSIONAL MENTORSHIP**

You’ll be paired with a mentor who provides personal attention and coaching for your career.

**LEADERSHIP DEVELOPMENT**

At a West Point retreat, you’ll complete challenges under the tutelage of Army veterans, who will explain how to apply lessons from these challenges at work.

**BUSINESS IMMERSION**

You’ll spend a week visiting with managers at companies to understand the challenges of managing innovation in the digital economy.

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