



University of Bridgeport's **STEM MBA**

Develop interdisciplinary skills for a data-driven marketplace

Now more than ever, companies need leaders with expertise in science, technology, engineering, and mathematics (STEM) to spark innovation, manage global projects, make data-informed decisions, and guide the future of organizations. Whether you're launching a new career or advancing in your current role, UB's STEM-designated Master of Business Administration (MBA) program equips you to thrive at the cutting edge of technology and industry — preparing you to steer organizational success in a fast-paced, data-driven marketplace.

The future of business is STEM

Designed for forward-thinking leaders, UB's STEM MBA program integrates analytical, technological, and strategic insights to prepare you for the evolving business landscape. At UB, you'll gain the skills to navigate today's data-driven economy with confidence. By combining core business principles with advanced technical and analytical coursework, you'll develop expertise in critical areas such as financial management, data analytics, information systems, leadership, global project management, and more — equipping you to drive innovation and solve complex business challenges.

The future of innovation is you

Located within UB's renowned Ernest C. Trefz School of Business, our STEM MBA program offers unparalleled opportunities to connect with industry leaders, collaborate with diverse peers, and engage in cutting-edge projects. As a Purple Knight, you'll also have the opportunity to take advantage of UB's Innovation Center at Bauer Hall, where you can bring your ideas to life with access to state-of-the-art resources, including a maker space, podcast studio, and industry mentorship programs.

Curriculum

Core courses (18 credits)		
ACCT 570	Accounting Analytics	3
FIN 505	Advanced Financial Management	3
ITKM 505	Information Systems and Knowledge Management	3
MGMT 505	Leadership and Organizational Behavior	3
MGMT 555	Global Program and Project Management	3
MKTG 525	Data-Driven Marketing	3

Specialized courses

(choose any 3 courses for a total of 9 credits)

Analytics track:		
ITKM 548	Introduction to Business Analytics	3
ITKM 549	Technical Concepts for Analytics Professionals	3
ITKM 560	Foundations in Advanced Business Analytics	3
Finance track:		
FIN 520	Investment Analysis	3
FIN 525	International Financial Management	3
FIN 540	Financial Analysis and Modeling	3
FIN 545	Financial Derivatives and Risk Management	3

Capstone Courses (9 credits)

Integration Course (required):		
BUCP 597	Integration and Application – Strategy and Policy	3
Practicum (select one):		
MGMT 582	Innovation and Business Planning	3
BUCP 589	Cases in Economics and Ethics	3
BUCP 588	Consulting and Research Methods	3
Experiential Course (select one):		
MGMT 582	Innovation and Business Planning	3
BUCP 589	Cases in Economics and Ethics	3
BUCP 588	Consulting and Research Methods	3
BUCP 598	Thesis*	3
BUCP 599	Internship	3

*Requires BUCP 588 as a prerequisite. Thesis advisors will be assigned by discipline.

View all courses offered and read full course descriptions in our course catalog (bridgeport.edu/academics/course-catalog).

The University of Bridgeport is accredited by the New England Commission of Higher Education. The University also is accredited by the Connecticut Office of Higher Education.

Admission requirements for international students

Prerequisites

- Bachelor's degree from an accredited university or recognized international institution
- Depending on your undergraduate background, you may be waived from up to 6 credits of preparatory business coursework. Prerequisite waivers are evaluated once your application is complete.

Required Materials

- Application
- Official transcript for the last degree earned
 - To be considered for a scholarship and prerequisite waivers, you must submit transcripts from each institution attended

Please consult our international admission requirements, or for specific queries, contact your admissions officer.

STEM OPT extensions

As a STEM-designated program, international students can qualify for the 24-month STEM OPT extension in an approved STEM field.

