



UB Technology Management, M.S.

School of Engineering

Technology Management Careers

- Analytics, Big Data & Modeling
- Biotechnology Management
- Engineering Management
- IT Management and Governance
- Management of Technology (Broad Areas)
- Manufacturing Management
- Program and Project Management
- Strategic Sourcing and Vendor Management
- Six Sigma
- Supply Chain Management and Logistics
- Technical /Business Analyst
- Technology Entrepreneur/ Technology Intrapreneur
- Total Quality Management

The Master of Science in Technology Management will provide you with the interdisciplinary knowledge and skills needed to pursue a career and leadership positions in the management of technology. Today's high tech global businesses need scientists, technologists and engineers who understand emerging technology-based markets, the financial risks and potential outcomes and who possess the leadership and technical expertise to manage diverse global teams and projects. Our program also trains business and technology managers in current and emerging technology opportunities, capabilities and limitations, new technology-based product development and new venture creation (entrepreneurship), and intrapreneurship, best practices in manufacturing, quality control, supply chain, logistics, and information technology. Graduates are prepared to obtain a position in industry, consulting, technology entrepreneurship and/or further study leading to a doctorate degree.

Technology Management Overview

It is essential that an enterprise continually develop, source and/or apply, the latest relevant technology in products, services, and systems in support of the key business functions and processes such as research and development, marketing, customer service management, engineering, new product development, manufacturing, operations, distribution, finance, intellectual property management, information technology, international expansion, risk management and others. The UB Technology Management Program is specifically designed to develop skills and competencies such as: identifying and evaluating the impact of

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**UNIVERSITY OF
BRIDGEPORT**

Opening doors. Building futures.

About UB

The University of Bridgeport is an international, doctoral-intensive, comprehensive university, offering award-winning academic programs in a variety of innovative undergraduate and graduate degree programs. Our 50-acre, seaside campus overlooks Long Island Sound on Connecticut's corporate Gold Coast, and is within easy driving distance of New York City and Boston.

Our student-faculty ratio is 15:1, and our full- and part-time faculty members include Fulbright Scholars, National Science Foundation Fellows, Ford Fellows, National Endowment for the Humanities Fellows, American Council for Learned Societies Scholars and Phi Beta Kappa Scholars. Some 32 percent of our students are members of minorities and students from more than 80 countries live and learn within our community.

Program Contact:

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relevant changing technology and managing those changes; designing programs to identify, develop and implement innovative technologically based solutions; managing the effective planning and execution of those technology based initiatives and the integration of their results into the mainstream of an enterprises' strategy, processes and operations; leadership, the creation and sustenance of high-performance global teams and enabling innovation.

As an integral part of the Technology Management Master's Degree, the department offers the opportunity to specialize in a number of concentrations, which are interdisciplinary in nature and available through various departments to provide more educational and career choices and flexibility for the student.

Program of Study

Admission to the program requires a Bachelors Degree in Science, Technology, Engineering or Mathematics. Other degree backgrounds are considered on a case by case basis with completion of any deficiencies in previous training. Students meeting the requirements complete 34 credit hours for their degree. By the second semester, the student must declare a concentration. A co-op and internship program is available to both domestic and international students. The Technology Management Department is licensed to offer online courses. Once international students graduate, with a MS in TM degree, they can work as part of OPT (Optional Practical Training) for up to twenty-nine months in the U.S.A. Select concentrations help prepare students for popular industry certifications.

Program Concentrations

- Global Program and Project Management
- Manufacturing Management
- Supply Chain, Logistics and Service Management
- Quality Management and Continuous Improvement
- Biotech and Biomedical Technology, Systems and Processes
- Information Analytics, Technology and Decision Support Systems
- Manufacturing, Supply Chain and Logistics Technology, Systems and Processes

Other elective specializations are available and require the approval of the student's advisor and the chairman of the department.

The MS degree in Technology Management is accredited by the International Association for Management of Technology (IAMOT). UB's School of Engineering is an educational resource in the sciences, computing, engineering, technology, and design fields. We are a 21st century, high-tech hub and learning center for people who want to master the latest technologies. We are also a research and development think tank for new ventures in the emerging world of technology-oriented markets and computer-aided solutions. More information on the M.S. in Technology Management may be found at www.bridgeport.edu/ms-tm.

Second Degree Program

The department offers the opportunity to acquire a second graduate degree, along with the M.S. Degree in Technology Management. Candidates for this second master's degree program are typically required to complete a minimum of 48 credit hours to satisfy the requirements of two master's degrees. This implies 19-22 credit hours in addition to the 34 hours required for the M.S. degree in Technology Management.

Ph.D. in Technology Management

A Ph.D. in Technology Management will launch in Fall, 2014. More information about the program may be found at www.bridgeport.edu/PhD-TM.