THE LANGUAGE OF BUSINESS.
THE LENS OF TECHNOLOGY.

Master of Science
TECHNOLOGY MANAGEMENT

School of Business
Getting on the management track.

As technical employees rise in an organization, their ability to take the next step depends on their ability to speak the language of business — accounting, economics, finance, strategy and marketing. The Stevens M.S. in Technology Management (MSTM) teaches technical professionals to lead teams, provide direction, drive technology innovation and effect change through a curriculum that teaches business, challenges conventions about effective leadership and teamwork, and encourages a deeper appreciation for the roles of innovation and technology in industry.

Students complete the MSTM degree in 21 months as part of a cohort that meets every other Saturday. Coursework helps students develop the skills to leverage the rapidly changing technological landscape to solve challenging problems, position technology to accomplish goals and lead innovation across enterprises. The interdisciplinary curriculum and collaborative approach at the School of Business teaches graduates to approach the world looking to solve problems and drive change on a global scale.

Applicants to the MSTM program at the School of Business are required to have five years of work experience, to ensure they understand the high-level lessons discussed in the classroom.

Applied learning with immediate value.

The MSTM program offers students the kind of business training they need to leverage their technical roles to take on greater responsibilities and rise in the organization. The curriculum combines core business values with analytics, project management, technical innovation and entrepreneurial thinking, through lessons that emphasize the development of technology management skills encompassing strategy, emerging technologies and alignment of technology development with business strategy. Classes are supplemented by workshops that use business simulation tools to reinforce classroom concepts and provide experience in the kinds of situations faced by managers.

One of the hallmarks of the MSTM program is a streamlined format that emphasizes practical learning on Saturday that students can put to use on Monday. Stevens also offers a strong administrative support system to simplify the process and put the focus on learning.

The program’s cohort nature means students progress through their classes together and work closely on group projects in and out of the classroom, building a powerful network that grows through annual alumni events.

“Because of the classes I’ve taken, I can visualize the impact of problems on the bigger picture. I can think about the whole solution — the technology, the resources available, and how best to use them.”

– Prahal Viswanathan
MSTM 2014
Software architect, Siemens
Putting leadership lessons to the test.

The MSTM experience puts special emphasis on the development of leadership, teamwork and communication skills. A central component of this is a teaming thread that is reinforced through a weekend leadership retreat, in which students work in teams to overcome physical obstacles and navigate complicated terrain — and in doing so, put into practice lessons about effective communication, ethical leadership, responsibility and problem solving. The exercises also help cement bonds between students in each MSTM cohort, which is crucial to the strong network development the program has boasted for more than 20 years.

Extending the experience with an EMBA.

A significant percentage of students who complete the MSTM degree go on to earn an MBA for Experienced Professionals (EMBA) from Stevens. In just one additional year of courses on alternating weekends, students in the EMBA program get a more comprehensive examination of the topics they are first exposed to in their MSTM degree work. In addition, the EMBA courses offer a global business thread that culminates in an international study trip, where students meet executives, learn about local customs and practices, explore the challenges and opportunities of conducting business abroad, and visit cultural landmarks.

“At least 50 to 75 percent of the coursework is done in groups, which is more adaptive to the workplace — and which I’ve found useful in terms of learning about how to cope with different problems that arise.”

– Alessandra Veronesi
MSTM student
Project specialist, Verisk Analytics
ABOUT STEVENS INSTITUTE OF TECHNOLOGY

Founded in 1870 and celebrating more than 140 years of innovation, Stevens Institute of Technology, The Innovation University TM lives at the intersection of industry, academia and research. Its students, faculty and partners leverage their collective experience and a culture of innovation, research and entrepreneurship to confront global challenges in engineering, science, systems and business.

ABOUT THE SCHOOL OF BUSINESS

Stevens is one of the world’s pre-eminent institutions in the education of current and future professionals who lead and manage technological innovation in businesses around the world. Our programs are designed and delivered by leading academic researchers and industry practitioners who are masters of their respective disciplines and important contributors to the creation of new knowledge in the field. The School of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB).

ADMISSION REQUIREMENTS FOR MASTER’S PROGRAM

- At least five years’ professional experience.
- Bachelor’s degree, with a “B” average, from an accredited school.
- Official college transcripts.
- Two letters of recommendation.

CONTACT

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