

# Technology (Management of Technology), MSTech

TSMRMSTECH

Technology permeates every corner of our lives and drives the critical outcomes of enterprises and society. This program is seeking innovative professionals who have earned a technical undergraduate degree and are eager to advance their careers in the fast-paced domain of tech management. Create your career and your future.

## Program description

### **Degree awarded: MSTech Technology (Management of Technology)**

As the nature of work continues to change, the world needs new kinds of leaders who can balance the demands of business, technology and innovation. The MSTech program in technology was constructed for this purpose.

Students in this program develop a foundation in business and develop insights into the implications and impact of technology. The flexibility in course options allows students to gain new capabilities, and by integrating these disciplines, they learn to transform industries.

Students also receive a foundation of leadership and managerial skills to complement their existing technical skills. The program then adds cutting-edge innovation strategy, data-driven decision-making, and entrepreneurial skills that companies need to compete in future economies.

Finally, students choose classes in their areas of interest that mix hard and soft skills in critical areas of interdisciplinary data science; sustainable enterprises; social, entrepreneurial and disruptive innovation; enterprise logistics and operations; or advanced technologies such as smart manufacturing and engineering, artificial intelligence or blockchain technology industries.

## At a glance

- **College/School:** [Ira A. Fulton Schools of Engineering](#)

- **Location:** [Polytechnic](#)

## Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an [accelerated bachelor's plus master's degree](#) with:

[Engineering \(Automotive Systems\), BSE](#)

[Engineering \(Electrical Systems\), BSE](#)

[Engineering \(Mechanical Engineering Systems\), BSE](#)

[Engineering \(Robotics\), BSE](#)

[Global Management, BGM](#)

[International Trade, BS](#)

[Technological Entrepreneurship and Management, BS](#)

[Technological Leadership, BS](#)

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and [how to apply](#).

## Degree requirements

30 credit hours and a portfolio, or

30 credit hours including the required applied project course (TMC 593)

### **Required Core (3 credit hours)**

OMT 570 Advanced Project Management (3)

### **Concentration (12 credit hours)**

OMT 520 Strategic Management of Technology (3)

TEM 501 Technological Innovation and Entrepreneurship (3) or FSE 501 Technology Entrepreneurship (3)

TEM 505 Data-driven Decision Making (3)

TEM 531 Disruptive Innovation and Technological Evolution (3)

### **Electives (12 or 15 credit hours)**

### **Culminating Experience (0 or 3 credit hours)**

portfolio (0)

TMC 593 Applied Project (3)

## **Additional Curriculum Information**

Graduate courses from other majors may be selected with approval from the student's graduate advisory committee; these additional courses are selected to support the student's individual career goals and perceived needs. To ensure that all courses taken fit into the plan of study, all students are expected to discuss their tentative plan with their program advisors prior to registering for their first class, and they must have an approved plan of study on file by the completion of nine credit hours toward the degree.

## **Admission requirements**

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a STEM field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution or in an applicable conferred master's degree program from a regionally-accredited college or university.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts from each college or university attended
3. personal statement
4. professional resume
5. proof of English proficiency

### **Additional Application Information**

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants should see the [graduate admission services website](#) for more details.

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU and need proof of English proficiency. More information on the program is available on the [Global Launch website](#).

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

## **Tuition information**

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

## Application deadlines

Fall

Spring [expand](#)

[expand](#)

## Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the ability to analyze, design and implement solutions to management of technology problems through applied practice
- Demonstrate an ability to communicate complex management of technology solutions effectively
- Demonstrate ability to work as an integral team to identify, plan and execute technology-based projects

## Career opportunities

The Master of Science in Technology program with a concentration in management of technology is tailored to individual professional goals, ensuring that each graduate not only obtains basic leadership and management skills, but also is ready to excel in an array of tech leadership roles. Program alumni currently work in fields such as:

- artificial intelligence data analytics
- manufacturing
- marketing
- operations management
- product management
- project management
- QA
- startup founding

## Contact information

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[Admission deadlines](#)