Master of Science in
Technology Leadership

LENGTH
12 Months

ENTRY TERMS
Fall and Spring

FORMAT
Online with
Two Residential Sessions

PARTNERSHIP
School of Engineering

OVERVIEW

Brown University's Master of Science in Technology Leadership is a transformative, 12-month hybrid program that prepares leaders with the strategic insight to navigate disruptive technologies reshaping industries worldwide. Through an action-oriented curriculum, taught by top-tier faculty, you won't just study artificial intelligence, big data and cybersecurity — you'll master their profound business impacts, gaining strong leadership and communication skills to make more informed decisions and drive greater success for your team and organization.

> **"I chose this program because of its holistic approach — part technology, part business and part leadership development. Throughout there is a connection between these topics and how they work together in an increasingly complex world."**
>
> — Donovan Guin '23 Sc.M.

WHO IS THIS PROGRAM FOR?

This program is for professionals with 5+ years of experience working in or alongside the technology industry, including but not limited to information technology, military, government, engineering, healthcare, education, finance, transportation, retail, biotechnology and consulting.

CURRICULUM

Embark on an interdisciplinary learning journey that seamlessly integrates technical expertise with essential leadership skills drawn from the social sciences and humanities. Complete fifteen courses within three content areas, including a capstone project.

- Personal leadership development
- Analytical decision making
- Strategic thinking

The Critical Challenge Project

The Critical Challenge Project (CCP) is the program's capstone course that spans the fall semester. Each student will identify a real-time business, social, organizational or sector-level problem, then formulate a strategic response to solve it. Guided by faculty and advisors, students analyze the challenge from multiple perspectives and develop a comprehensive plan that integrates technology, policy, strategy and communications.

UPON COMPLETION, STUDENTS WILL BE ABLE TO:

- Demonstrate the integration of business fundamentals and personal leadership skills to drive solutions
- Develop a solution adaptable to changing market needs, technological advances and global competition
- Articulate the project's rationale, value and importance in ways that are meaningful to senior leadership
- Successfully lead, inspire, and communicate with diverse, cross-functional teams and stakeholders to advance solutions

Delivering Impact

$378M	83	$61M	9
IN VALUE CREATED	APPS & PRODUCTS CREATED	COMPANY INVESTMENTS INTO CCP CONCEPTS	NEW PILOTS & PROCESSES LAUNCHED & FUNDED

WHY IS IT VALUABLE TO EMPLOYERS?

Alignment with Important Strategic Issues - Employers gain the benefit of dedicated employee effort on issues of key strategic importance to the organization's success. CCPs are guided by members of the Brown community who assist students in developing projects of deep personal and professional significance.

Employee Development - Used effectively, employers can leverage the CCP to develop individual talent. Students gain the skills, tools and knowledge to grow their career and contribution to their organization.

Access to Brown University Resources and Leadership - A powerful network of resources including faculty, advisors, academic/library resources and peers across industries help students strengthen their solutions.

Results - Students create fully developed action plans, addressing real-time industry and organization challenges.