



Master of Science in Technology Leadership

OVERVIEW

Brown University's Master of Science in Technology Leadership is a transformative, 12-month hybrid program designed for busy professionals across technology domains who have a passion to lead and advance themselves and their organizations. Our action-oriented curriculum, taught by world-class faculty, equips innovative thinkers with the strategic leadership skills to effectively manage people and the accelerating pace of technological change.

"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 MTL

WHO IS THIS PROGRAM FOR?

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

LENGTH

12 Months

ENTRY TERMS

Fall and Spring

FORMAT

Online with
Two Residential Sessions

PARTNERSHIP

School of Engineering

CURRICULUM

Embark on a rigorous and interdisciplinary learning journey that seamlessly integrates technical expertise with essential 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

IN VALUE
CREATED

83

APPS & PRODUCTS
CREATED

\$61M

COMPANY INVESTMENTS
INTO CCP CONCEPTS

9

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. Advisors to the CCP can be Brown faculty or expert co-advisors that can come from the student's organization or elsewhere in the industry. *We recognize the sensitive nature of student work and contributions to their company. We work with students and faculty to preserve confidentiality as needed.*

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.