



# Master's in Technology Leadership

*Equipping innovative thinkers with the strategic leadership skills to manage technological change.*

## OVERVIEW

Brown University's [Master of Science in Technology Leadership](#) is a transformative, 16-month blended 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, provides technical leaders with the skills to effectively manage people and the accelerating pace of technological change.

## Program Snapshot & Outcomes

Format:	Length:	Partner:
BLENDED ONLINE & IN-RESIDENCE	16 MONTHS STARTING IN FEBRUARY	BROWN SCHOOL OF ENGINEERING

84%	Promoted within a year of graduation
48%	Promoted while still in the program
24%	Promoted to VP or C-Suite

## PARTICIPANT PROFILE

Our participants have between 5-15 years of experience in the technology industry, including but not limited to information technology, military and defense services, mechanical or industrial engineering, finance, transportation, retail, biotechnology, and industrial automation.

## COURSES

- Professional Development
- Effective Leadership
- Persuasive Communication
- Technology Leadership in a Changing Environment
- Finance and Business Strategy
- Data Analytics and Machine Learning
- Globalization and Innovation Ecosystems
- Strategic Decision Making
- International Immersion
- [Capstone: Critical Challenge Project](#)

Drawing from professional experience and vision for the future, participants identify a critical technology challenge. Under the direction of an advisor, students analyze the challenge from multiple perspectives and develop a comprehensive plan for addressing it.

## Contact Us

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UPCOMING EVENTS

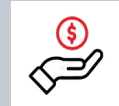
SPEAK WITH AN ADVISOR

# The Critical Challenge Project

## WHAT IS IT?

The Critical Challenge Project (CCP) is an independent project that spans the duration of the [Master's in Technology Leadership](#) program. Upon applying to the program, each student identifies a critical technology challenge related to their organization or a personal interest. Throughout the program, each student works collaboratively with a variety of people including their peers, professional colleagues, faculty, advisors and directors integrating various perspectives across the science and technology sectors to develop a comprehensive plan for addressing the challenge.

## Delivers High-Impact Results



**\$378M**  
IN VALUE CREATED



**83**  
APPS & PRODUCTS CREATED



**\$61M**  
COMPANY INVESTMENTS INTO  
CCP CONCEPTS



**9**  
NEW PILOTS & PROCESSES  
LAUNCHED AND FUNDED

## HOW DO STUDENTS DEFINE THEIR CRITICAL CHALLENGE?

- **Relevant** - Meaningful to the student's background, interests, current job, future aspirations, and/or organization.
- **Consequential** - Project is broad enough in scope to have an impact on stakeholders across the technology industry, including customers, developers, policymakers, and government and industry executives.
- **Realistic** - Feasible and viable set of steps and expectations within the 16-month program (the overarching challenge does not need to be resolved within the program, but measurable progress toward the defined CCP must be reasonable and appropriate).
- **Measurable** - Contains measurable outcomes of success.

## WHY IS IT VALUABLE TO EMPLOYERS?

- 1. 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 and expert co-advisors may 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.*
- 2. Employee Development** - Used effectively, employers can leverage the CCP to develop individual talent in the organization. Students gain the skills, tools, and knowledge to grow their career and contribution to their organization.
- 3. Access to Brown University Resources and Leadership** - Students have access to a powerful network of resources including faculty, advisors, academic/library resources, and peers across industries to broaden and strengthen their solutions/action plans.
- 4. Results** - Students create fully developed actionable plans, addressing real-time industry and organization challenges.