



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

- Effective Leadership
- Persuasive Communication
- Technology Leadership in a Changing Environment
- Data Analytics and Machine Learning
- Finance and Business Strategy
- Strategic Decision Making
- Globalization and Innovation Ecosystems
- International Immersion
- Leadership & Professional Development
- **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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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.