

MS in Technology Management & Leadership

CORE COURSES

18 CREDITS

Build the foundational skills of management and leadership through a series of core courses that provide you with the opportunity to collaborate and connect through team projects, live class sessions, individualized leadership coaching, and community events.

TML 201	Essentials of Technology Strategy	2 CREDITS	TML 207	Solving Complex Problems Through Systems Thinking	2 CREDITS
TML 202	Leadership: Personal Development	2 CREDITS	TML 209	Essentials of Strategic Management	2 CREDITS
TML 203	Building Financial Intelligence	2 CREDITS	TML 210	Practice of Ethical Leadership	2 CREDITS
TML 204	Customer Discovery and Solution Design	2 CREDITS	TML 282	Capstone Leadership Project	2 CREDITS
TML 205	New Product and Service Development	2 CREDITS	TML 295	Graduate Seminar (<i>On-Campus Students Only</i>)	0 CREDITS

PATHWAY COURSES

12 CREDITS

The 12 credit minimum elective course requirements of this program can be completed through any of the specialized curriculum pathways that tap into and build upon students' deep technical expertise. All courses taken in these pathways must be graduate level meaning they carry a 0100 or 0200 level course number.

You can pursue pathways in product management, business analytics, computer or data science, or develop your own flexible pathway consisting of courses from across Tufts University. These pathways combine flexibility with the opportunity for you to build an individualized program that meets your aspirations for a career within the tech sector. Whatever your job function or industry, the MSTML allows you to discover your own pathway toward tech leadership.

ONLINE/HYBRID

- **PRODUCT MANAGEMENT**
- **BUSINESS ANALYTICS**
- **COMPUTER SCIENCE**
- **DATA SCIENCE**

Additionally a flexible pathway is available in which you may choose online and/or on-campus courses from across Tufts University.

ON-CAMPUS

- **DATA SCIENCE**
- **COMPUTER SCIENCE**
- **BIOMEDICAL ENGINEERING**
- **HUMAN COMPUTER INTERACTION**

Additionally a a flexible pathway is available in which you may choose on-campus courses from across Tufts University and/or [certificates in Tufts' School of Engineering](#).

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Online/Hybrid Part-time

Online/Hybrid Part-time students are enrolled **part-time** in an online core curriculum and can choose pathway courses that are available **online or in-person**. These students have the **flexibility** to complete the curriculum at their own pace. Below are **two example curriculum roadmaps** that a student may follow if they wish to complete the program in an **accelerated or extended** format, students can also choose a different course progression as long as the degree is completed within 5 years.

ACCELERATED

Students who elect to complete the program in an accelerated timeline can expect to finish in about 6 semesters, a total of 2 years, as depicted below.

YEAR 1			YEAR 2		
Fall/Spring - First Half TML 201 - 2 credits TML 202 - 2 credits	Spring/Fall - First Half TML 205* - 2 credits TML 210 - 2 credits	Summer Pathway Courses	Fall/Spring Pathway Courses	Spring/Fall Pathway Courses	Summer/Spring TML 282 - 2 credits
Fall/Spring - Second Half TML 203 - 2 credits TML 204 - 2 credits	Spring/Fall - Second Half TML 207 - 2 credits TML 209 - 2 credits				

EXTENDED

Students who elect to complete the program in an extended timeline can expect to finish in about 9 semesters, a total of 3 years, as depicted below.

YEAR 1			YEAR 2			YEAR 3		
Fall/Spring - First Half TML 201 - 2 credits	Spring/Fall - First Half TML 202 - 2 credits	Summer Pathway Courses	Fall/Spring - First Half TML 205* - 2 credits	Spring/Fall - First Half TML 210 - 2 credits	Summer Pathway Courses	Fall/Spring Pathway Courses	Spring/Fall Pathway Courses	Summer TML 282 - 2 credits
Fall/Spring - Second Half TML 203 - 2 credits	Spring/Fall - Second Half TML 204 - 2 credits		Fall/Spring - Second Half TML 207 - 2 credits	Spring/Fall - Second Half TML 209 - 2 credits				

*Please note that for TML 205 New Product and Service Development, the pre-requisite courses are TML 201, TML 202, TML 203, and TML 204.

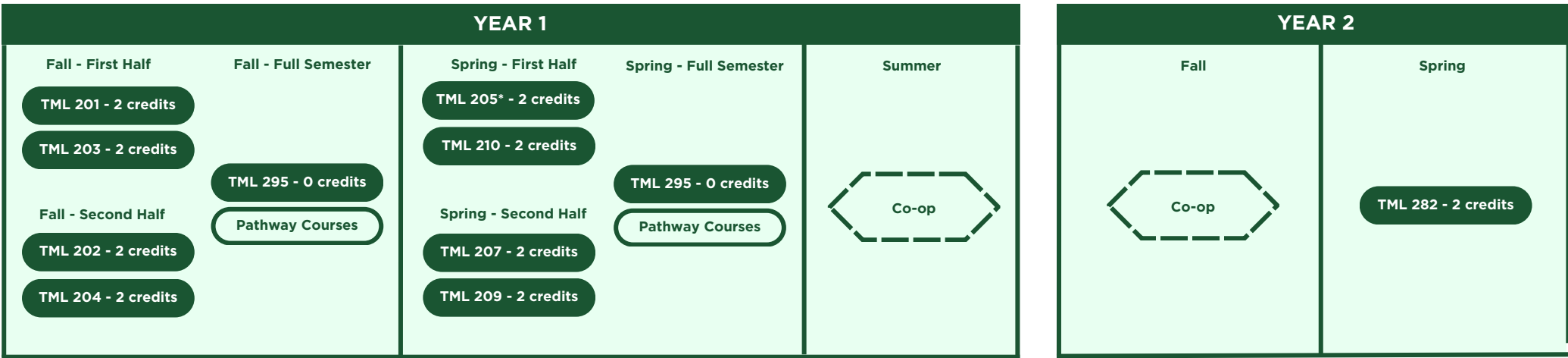
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On-Campus Full-Time

On-Campus Full-time students are enrolled **full-time** and will take a **set schedule** of **in-person core courses**. Pathway courses may be completed in-person or online. These students have the added opportunity to complete an **optional Cooperative (Co-op) Education Program** during their degree which will allow them to pursue real-world work experience, to form professional relationships, and to enhance their resumes. The student will choose to follow one of the **two fixed curriculum roadmaps** below.

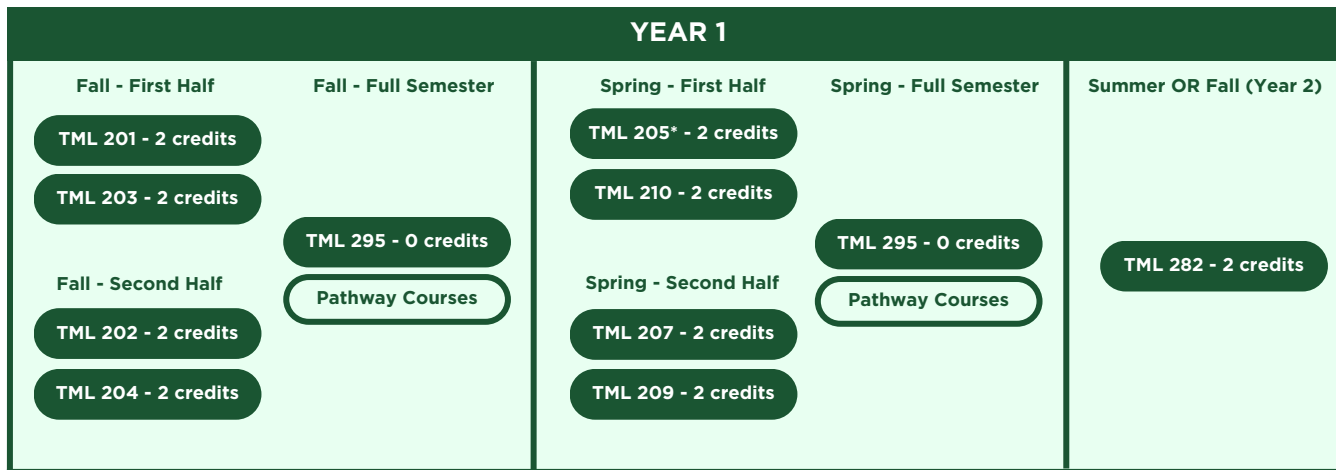
WITH CO-OP

Students who elect to partake in a co-op while in the program will complete the program in 2 years.



WITHOUT CO-OP

Students who do not elect to partake in a co-op while in the program can complete the program in less than 2 years (either 12 or 16 months).



*Please note that for TML 205 New Product and Service Development, the pre-requisite courses are TML 201, TML 202, TML 203, and TML 204.