

International Master in Finance, Technology and Digital Transformation (MFTDT)

LUMSA University & Fintech EduLab

III EDITION, A.Y. 2020/2021

January 2021 – December 2021

Rome, Italy



LUMSA
UNIVERSITÀ
1939 80TTANTESIMO 2019



MFTDT partners

 **accenture**

BorsadelCredito.it

 **CREDIMI**

 **Digital
Gold
Institute**

endeavor

financeAds 

Finetiq

 **3i PARTNERS**

 **instilla**
RECIPE FOR RESULTS

 **KPMG**

 **MEDICI**TM
Enabling FinTech-at-Scale

 **moneyfarm**

 **MONTE
DEI PASCHI
DI SIENA**
BANCA DAL 1472

Plick [®]
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 **RE-LENDER**

Faculty also from

**Blackfin Capital Citi
Partners**

Enel X

EY

PWC

Sella

Ferratum

Unicredit Bank


**STARTING
FINANCE**

 **TWO
HUNDRED**

 **VIRTUAL B**

Why choosing the MFTDT

01 Learn from leading Fintech professionals

Students will learn from some of the most recognized Fintech experts, practitioners and professors. MFTDT Faculty is composed by outstanding professionals forging Fintech day by day.

02 Career Opportunities with the MFTDT Partners

The Master in Finance, Technology & Digital Transformation will offer its students unique opportunities to network with leading global Fintech companies and experts.

03 Fintech Tour in 3 of the main European Fintech Hubs

During the MFTDT, our students will meet some of the world's most innovative startups and corporations in Madrid, Berlin and Milan.

The goal of the study trip is to enable students to build a strong international network and discover international career opportunities.

04 Benefits of online Education + Benefits of in-company visits

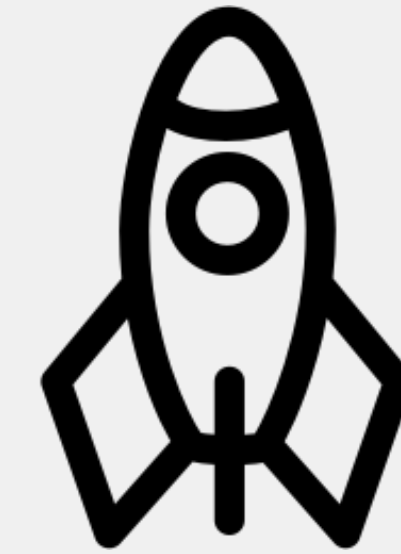
The MFTDT is a unique programme in the academic landscape that offers you the chance to combine the benefits of:

- online education (learn from professionals based all around the world)
- and
- in company visits, meetings and lessons during to the Fintech Tour.

Program highlights



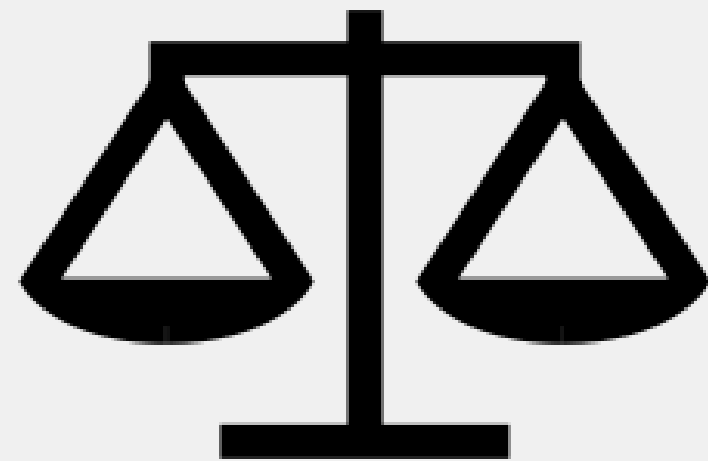
International faculty comprised of top Fintech experts and leading academics



International Fintech Tour in three of the main European Fintech hubs



One of the very **first Fintech master's degrees** in Europe (currently at its 3rd Edition)

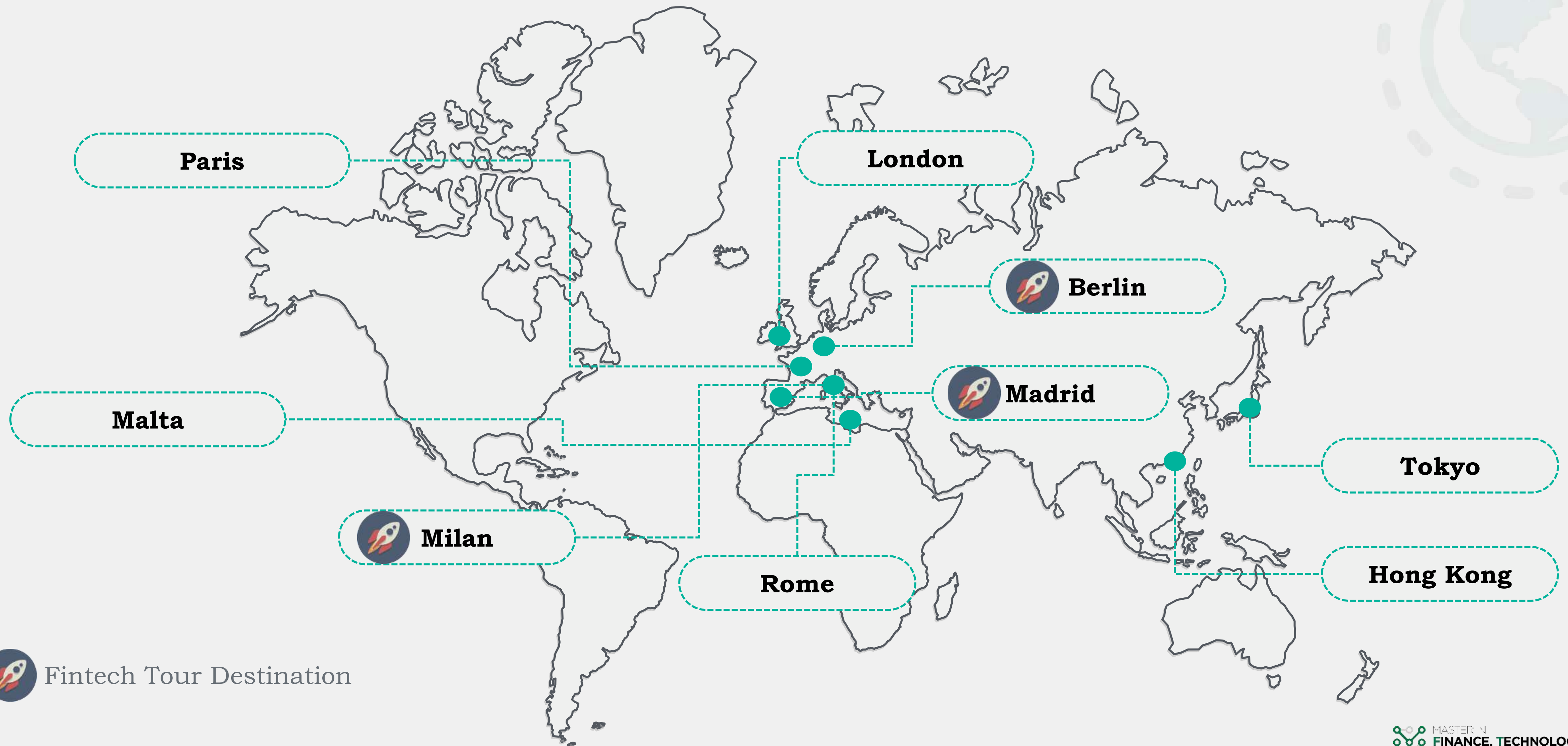


Unique networking and career opportunities with MFTDT partners and faculty members



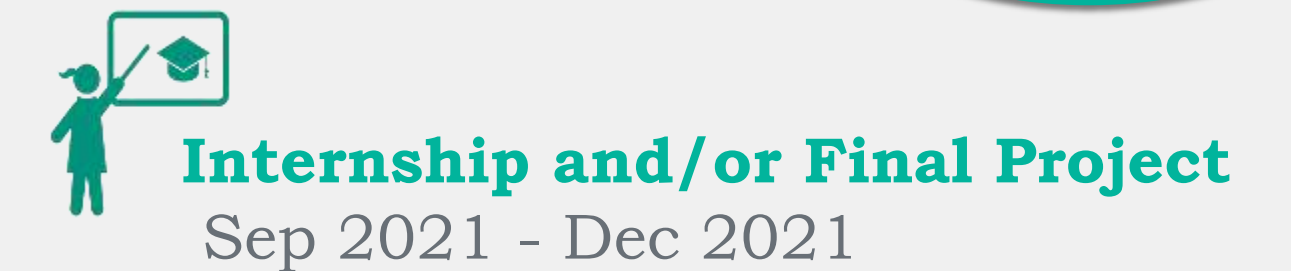
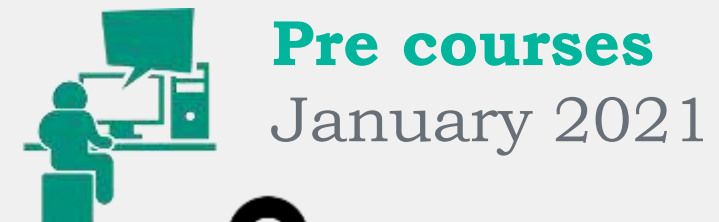
Master's Curriculum designed **with the industry for the industry and for our students**

Study **Online**, visit 3 Fintech Hubs - Berlin, Madrid, Milan - and join our global community of professors, partners and opportunities



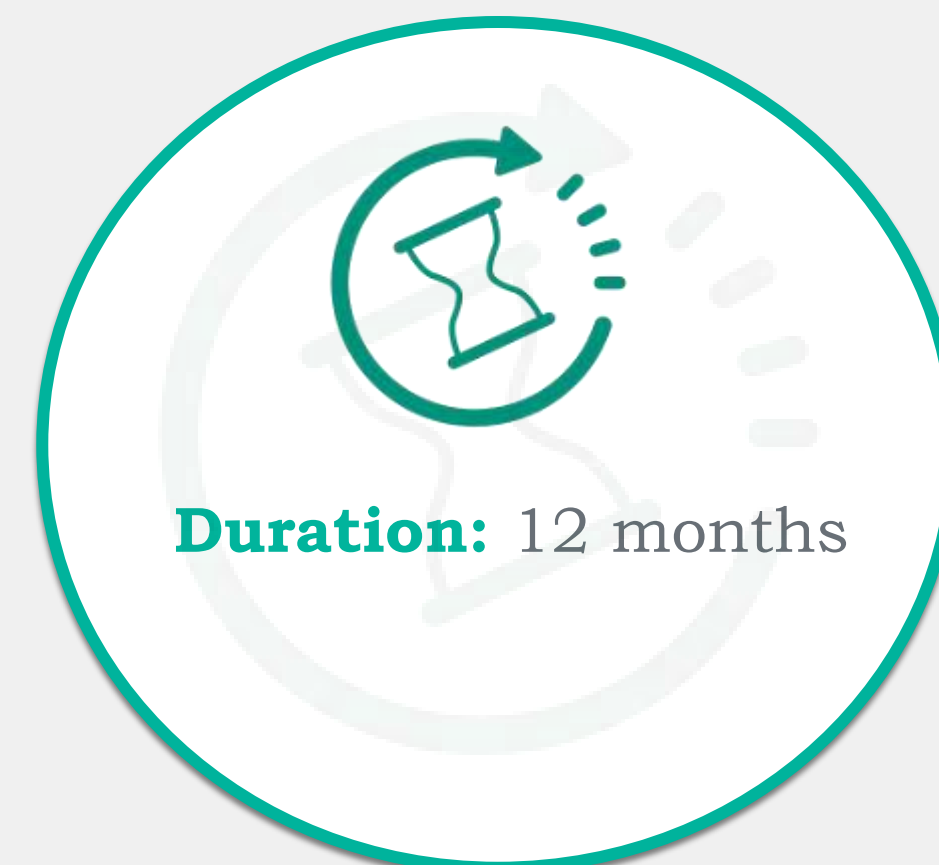
Key Facts

III Edition



Teaching

- **online lectures** - live streaming in HD and registrations stored in the MFTDT e-learning platform
- **in-company lessons** during the Fintech Tour (Berlin, Madrid, Milan)



MFTDT Career Opportunities

#Innovation Manager
#Business Analyst
#Financial Services Consultant
#Data Scientist
#Fintech Entrepreneur
#Financial Services Analyst/Manager
#Business Development Manager
#Digital Marketing Professional

MFTDT Career Development Services

#CV building
#Cover Letter design
#Mock Interviews
#Career Workshops

Key Facts

From students of the previous editions

30+

The number of companies met during the Master

Career Path pursued by our students after the Master

#Regtech
#Msc in Management
#Financial Advisory
#Financial Innovation
#System Engineer
#Marketing
#Msc in Data Science

Students **background** before joining the Master

#Mathematics
#Law
#Management
#Aeronautical Engineering
#Finance
#Aerospace Engineering

20%

female students

100%

of our students found a job after the Master, climbed the career ladder at their company or continued their education (being accepted in top-ranked universities)

6

Live consulting projects done by students with companies

20%

Pursued international careers (Germany, Japan, France, etc.)

3.5

average years of working experience

95%

Lectures from the industry

Where our students come from



Find out where to learn the skills of the future!

Program structure

Module 0 - Pre-courses *(Jan 2021)*

- Statistics

- Excel

- Power Point

Module 1 – Foundations *(Jan – March 2021)*

- Banking & Capital Markets
- Capital Budgeting
- Advanced Corporate & Investment Banking
- Coding Lab
- Regulation & Compliance

Module 2 – Fintech & Entrepreneurship *(Mar – Jun 2021)*

- Fintech
- Insurtech
- Regtech
- Entrepreneurship and Growth Hacking
- Digital Marketing



Fintech Tour *(May/June 2021)*

- Study trip to three of the main European Fintech Hubs

Module 3 – AI & Digital Innovation *(Jun – Sep 2021)*

- AI in Finance: Big Data & Machine Learning
- AI in Finance Lab
- Innovation Management
- Digital Transformation
- Quant Techniques for Marketing

Module 4 – Internship/Project Work *(Sep - Dec 2021)*

Students are required to choose one of the following:

- Internship
- Project Work
- Startup Project
- Research Project

Career Development Services

- CV Building Session
- Cover Letter Design & Mock Interviews
- Career Workshop
- HR Assessment & *ad-hoc* Recruiting Session

Fintech Tour

Travel around **3 European Fintech Hubs** and get to know the best in class.

During the MFTDT, our students will have the chance to meet:

- Fintech Entrepreneurs & Experts
- Fintech, Insurtech and Regtech companies
- Asset Management Companies
- Banks
- Consulting Firms
- Government Institutions

In the following **cities**:



Berlin (Germany)



Madrid (Spain)



Milan (Italy)

MFTDT activities with Partners

The following activities will be developed in collaboration with our partners over the course of the academic year.



Fintech Talks: in person or online meetings where our guest experts will share their professional and personal experience with our students



Growth Hacking Hackathon: 24h hackathon to design and test the growth hacking strategy of a company



Business Games & Projects: simulation, challenges or projects organized by our partners for didactic purposes or to test and evaluate MFTDT students for job opportunities



HR Assessment & *ad-hoc* Recruiting Session: ad hoc sessions organized for our partners to meet/evaluate the MFTDT students



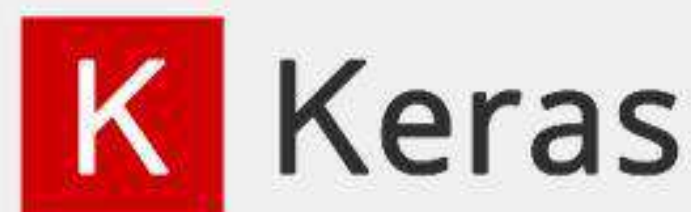
Company Visits: during the Fintech Tour, the MFTDT students will have the chance to meet in person many of our partners and stakeholders

MFTDT Coding Lab + AI in Finance Lab

True to its **innovative spirit**, the master offers its students **coding classes** to allow them to be on top of technological changes. After a couple of month of introduction to coding (we take a long time because we want our students to actually be able to code things), the **coding lab** will move in **parallel** with the **AI in Finance: Big Data & Machine Learning** course and the **AI in Finance Lab**, so that the students can apply the concept learned in class to **real world data**.

Below some of the Technologies our students will learn:

More than 70 hours of coding



Projects with partners (II Edition - Master in Fintech & Innovation)

Students' knowledge was tested through live consulting projects developed with our partners

Open Bank Report

Students were asked to write a **Sandbox report** for a open source Open Banking API software company.

Main skills:

#critical thinking

#data quality
and data analytics

#open-source APIs semantic

Investor's Guide

Supported by the General Manager of a Fintech startup, students wrote an Investors' guide to facilitate any type of investors-to be.

Main skills:

#financial knowledge

#writing

#power point

#presentation skills

Fintech Impact analysis

Students were challenged by a financial institution in the development of innovative ideas that fulfill banks' real needs and characteristics.

Main skills:

#brainstorming

#innovative thinking

#teamwork

Innovation Management

Led by the Innovation Manager of one of the leading consulting firms in the world, our students conducted a tech scouting analysis to understand the start-up ecosystem and synergies with incumbents.

Main skills:

#time management

technologies analysis

#business writing

6

Projects developed
with partner
companies

6/9

Exams were
based on real
business
projects

50%

Projects developed
with international
companies

MFTDT in the News

(former Master in Fintech & Innovation – MFI)



BUSINESS PEOPLE

DATA INNOVATION Ottobre 2018



Fintech: quanto se ne parla sui social e perchè

fintech, social

Il 25 (di Settembre, N.d.R.), *la notizia più virale è dedicata all'evento **Fintech & Innovation**, al via il master che prepara alle professioni della finanza innovativa ...*

- **1st application round:** September 13, 2020
- **2nd application round:** October 18, 2020
- **3rd application round:** December 19, 2020
- **4th application round:** January 20, 2021



Scholarships

12 scholarships are available for outstanding candidates

Scholarships will be awarded on a rolling basis

The next Fintech Entrepreneur

Designed for ambitious applicants who have a **strong entrepreneurial mindset** and have proved - in any kind of initiative (company, school club, sports team) - their creativity, leadership skills and endurance

Talent in STEM

Designed for applicants who **hold a STEM degree** and have an extraordinary academic or professional track record

Talent in Social Studies, Economics and Law

Designed for applicants who hold a degree in Social Studies, Economics & Law or have worked extensively in the field **and have an outstanding academic or professional track record**

Tutor

MFTDT will select a candidate with proven excellent **time management, leadership and communication skills** to support Program Managers and students in administrative, marketing and project management tasks

Future Fintech Leader

Designed for applicants who have demonstrated **great enthusiasm and a natural aptitude to lead a team** through their academic or professional career

Future Women in Fintech

Designed for female applicants who have been **inspirational** throughout their academic or professional career and want to **become leaders in the Fintech world**



Who is this **program** for?



1) **Professionals** interested in **Fintech** and/or working in:

- Financial Services
- Consulting
- Technology
- Marketing



2) **Graduate/graduating students** (Bachelor's degree – “Laurea triennale”; Master of Science degree - “Laurea magistrale”) in:

- Finance, Economics, Business, and Management
- Mathematics, Statistics, Physics, Computer Science and Engineering
- Law
- Social and Political Sciences
- Marketing & Communication

Also **other backgrounds** will be accurately evaluated

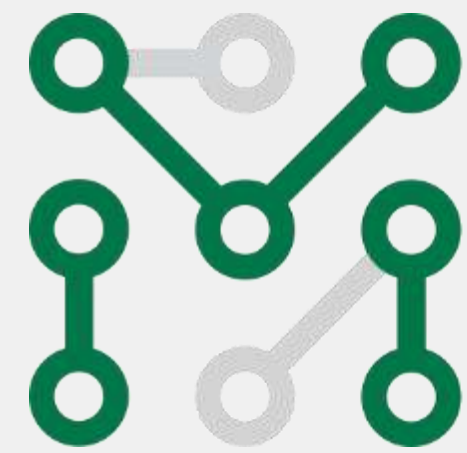


To be **eligible** for admission to the MFTDT a candidate must be **on track to graduate within April 2021** (last useful graduating session of the a.y. 2019/2020)

Learning **objectives**

- **Gain** an overview of the global finance landscape, infrastructures and ecosystems
- **Become familiar** with the business models and applications that are disrupting the industry
- **Learn** how to draft, execute, and manage financial innovations
- **Master** the tools to analyze complex data sets
- **Understand** how regulation is evolving and adapting to technology developments and new challenges
- **Develop** the tools to implement successful marketing campaigns
- **Acquire** a truly global entrepreneurial mindset

Contacts



MASTER IN
**FINANCE, TECHNOLOGY AND
DIGITAL TRANSFORMATION**

For more information:

fintech@lumsa.it

[MFTDT Website](#)

[MFTDT Landing Page](#)

