

MSc in Digital Transformation and Innovation

The program is focused on the strategy, design and management of Digital Transformation projects. It covers as well some practical knowledge of the main vertical sectors that have evolved with new digital technologies.

It consists of 3 main axes: the technological axis (IoT, Big Data, AI, Cloud...), the vertical axis (real cases of Digital Transformation in sectors such as RetailTech, FinTech, HealthTech or GreenTech) and the transversal skills module that enhances the innovation and management of digital transformation projects of companies.

At the end of the program you will be able to spot areas for internal improvement and define new products and services using the new tools and technological platforms. You will also be able to lead the change processes within the company, from the design to the release of different projects linked to the Digital Transformation of any venture.

Start: October 2023

Credits: 60 ECTS

Program degree: MSc in Digital Transformation and Innovation (MDTI)

Language: English

Distinctive values:

- More than 20 years being European leaders in **Technology and Digital Transformation**.
- Classes taught by **working professionals**.
- **Harvard method**: study with real and up-to-date practical cases.
- Collaborative efforts with **leading companies in the sector**.
- Networking and activities with the local **digital and technological ecosystem**.

1st Block: ECTS
 Technical modules

1 st Module	Introduction to coding	3
2 nd Module	IT Architecture principles	2
3 rd Module	No-Code tools	2
4 th Module	Cloud Platforms	3
5 th Module	IoT Solutions	3
6 th Module	AI Platforms	3

2nd Block: ECTS
 Company modules

1 st Module	Business Organization and Management	3
2 nd Module	Lean Startup	3
3 rd Module	RetailTech	4
4 th Module	FinTech	4
5 th Module	HealthTech	4
6 th Module	GreenTech	4

Cross-disciplinary modules		ECTS
1 st Module	Innovation Management	3
2 nd Module	Design Thinking	3
3 rd Module	UX/UI Principles	3
4 th Module	Agile Project Management	3
Final Project	Final MSc Project	10

1st Block: Technical Skills

1st Module

Introduction to coding

Learn the basics of algorithmics and programming: PHP/HTML – CSS/SQL. This module is very important to understand the logic and operation of all digital systems.

2nd Module

IT Architecture principles

Understand what Systems Architecture is about and how different digital platforms work and interact with each other.

3rd Module

No-Code tools

Increasingly present, No-Code and Low-Code technologies enable the development of many technological solutions.

4th Module

Cloud platforms

Analyze some of the Cloud solutions on the market and how they can be used and integrated into the company's internal systems.

5th Module

IoT (Internet of Things) solutions

Understand the operation of IoT solutions, its different elements both at the hardware and software level and analyze some reference use cases for the development of new products and the improvement of the company's internal processes.

6th Module

AI (Artificial Intelligence) platforms

Learn and analyze the AI solutions on the market and discover practical cases for the development of new products and the improvement of the company's internal processes. Development of a project using AI.

2nd Block: Company modules

1st Module

Business Organization and Management

General understanding of the different company structures, analyze how to manage support processes, quality control, requirements and internal processes.

2nd Module

Lean Startup

Overview of the Lean Startup methodology, completing a practical example of its different aspects: business model, Finance, Operations, Marketing, Strategy...

3rd Module

RetailTech

Understand the challenges and problems of the B2C Retail players and see how they have adapted to the digital change improving their operations, sales processes and customer relations.

4th Module

FinTech

Understand the challenges and problems of different players in the financial sector (i.e banks, insurance companies...) and see how they have adapted to the digital change improving their operations, sales processes and customer relations.

5th Module

HealthTech

Understand the challenges and problems of different players in the health and pharmaceutical sectors and see how they have adapted to the digital change improving their operations, sales processes and customer relations.

6th Module

GreenTech

Understand the challenges of the 2030 Agenda sustainable development goals and how to apply them in the business world, the development of products and the relationship with customers.

3rd Block:

Cross-disciplinary modules

Innovation Management

Understand how innovation is managed both internally within the company and with external stakeholders to promote innovation in product and services and improve productivity: Open Innovation, Co-Innovation...

Design Thinking / UCD

Learn the ideation and development processes of new products and services through the Design Thinking and User-Centered Design methodologies.

UX/UI Principles

Introduction to the importance of design and ease of use of both internal platforms and services offered to the client, being able to define the customer journey of new go-to-market strategies.

Agile Project Management

Learn and practical implementation of the Agile Project Management methodology.

Final Msc Project

Group project that allows putting into practice all the acquired knowledge throughout the MSc in a real case of Digital Transformation, from the initial design to the final implementation project.

Trusted by companies

Epitech is home to 20 international campuses, with a network of 3,000 partner companies in all sectors of the economy, from local startups to large international corporations.

Google

Microsoft

NTT DATA

privalia

YEGO

sopra
stéria

webfleet
solutions
a Bridgestone company

WORLD SENSING

ING

Allianz

DELL

Deloitte.

AIRBUS

UBISOFT

AXA

orange

Carrefour

DHL

ROBOYO
NEXT LEVEL NOW

rubiko

onRagtime

NUUBB
IL NUOVO SISTEMA

kasaz

Valeo

PLASTICBAND
Customized Strapping & Wrapping

hiberus

extia

amenitiz



Admissions process

The main objective of our admissions process is to ensure the suitability of the candidates. All participants must get the most out of this learning experience, through a context in which it is possible to develop a long-term relationship between students, teachers and Epitech partner companies.

The admission process for the 2023–2024 academic year will remain open until the number of places is covered. We recommend you start the admission process as soon as possible.

Admissions requirements:

- Bachelor Degree or equivalent relevant working experience.
- Fluency in English.

How do I apply?

1. Submit the application through the [online platform](#).
2. Take the online admissions tests: English and logical reasoning test.
3. A face-to-face or virtual admissions interview will be held.
4. The candidate must send a copy of the university degree and/or academic transcript.
5. The Admissions Committee will assess the application and will notify the decision via email within a maximum period of 10 days.
6. Non-refundable deposit of 990€ to secure your spot in the program.