



Master degrees at UniTN

Academic coordinator, delegate for education: Roberto Passerone roberto.passerone@unitn.it

AY/AA 2024/2025



UNIVERSITÀ
DI TRENTO

DEPARTMENT OF

INFORMATION ENGINEERING AND COMPUTER SCIENCE

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Ingegneria e Scienza dell'Informazione

Overview

Several Master's Programs

NEW

Access to traditional degrees (LM-INFO, LM-AIS, LM-IE) with **no limited enrollment**

Must still satisfy certain requirements, essentially automatic from our bachelor degrees

See

<https://www.disi.unitn.it/education/degrees>

Graduate degrees



Artificial Intelligence Systems



Computer Science



Information and
Communications Engineering
(only for enrolled)



Information Engineering



Human-Computer Interaction
(Interdepartmental course)



Quantitative and
Computational Biology
(Interdepartmental course)



Data Science
(Interdepartmental course)

Double degrees



EIT Digital Master School



EIT Manufacturing Master
School



Centrale Supélec



Outline

- Master degree in **Computer Science**
- Master degree in **Artificial Intelligent Systems**
- Master degree in **Information Engineering**
- Dual degree opportunities (**EIT**)

- Student testimonials, Q&A for each degree program



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EIT Digital/Manufacturing Master Program

- **There will be a dedicated info day some time in January/February**
- 2-year (24 months) double degree Master program in two different universities
- EIT Digital Consortium composed of 22 universities all over Europe (9 countries)





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Technical majors, EIT Digital

AUTONOMOUS SYSTEMS

LEARN MORE

CLOUD AND NETWORK
INFRASTRUCTURE

LEARN MORE

CYBER SECURITY

LEARN MORE

DATA SCIENCE

LEARN MORE

DIGITAL MANUFACTURING

LEARN MORE

EMBEDDED SYSTEMS

LEARN MORE

FINTECH

LEARN MORE

HUMAN COMPUTER
INTERACTION AND DESIGN

LEARN MORE



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Technical majors, EIT Manufacturing

- **5 Double Degree programmes combining technical and I&E skills:**
 - Human-Robot Interaction for Sustainable Manufacturing
 - Additive Manufacturing for Full Flexibility
 - Zero Defect Manufacturing for a Circular Economy
 - Digital Manufacturing for Innovative Ecosystems
 - Data Science and AI for Competitive Manufacturing



Aalto University
School of Engineering

University of Applied Sciences and Arts
of Southern Switzerland

SUPSI



TECHNISCHE
UNIVERSITÄT
WIEN



UNIVERSITY
OF TRENTO

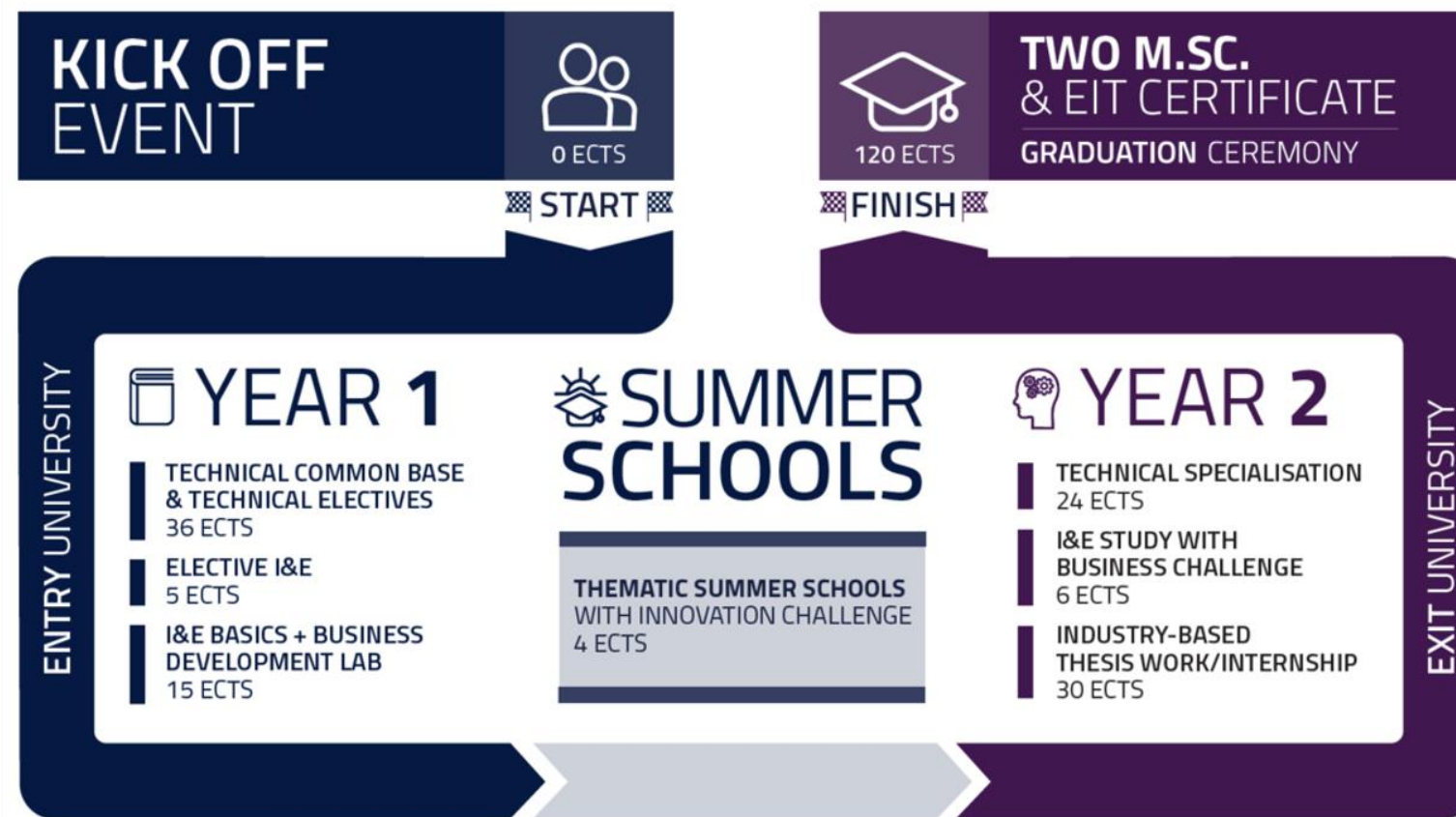


Mondragon
Unibertsitatea
Goi Eskola Politeknikoa
Faculty of Engineering





Program Structure (as per EIT Digital Master School)





How is it different?

- **European mobility**
- Technical Education + **Innovation & Entrepreneurship (I&E) Minor**
- **Summer school**
 - Hands-on real business study cases developed together with real business and technical mentors
- **Internship**
 - Hands-on experience in a company
- **Kickoff Meeting**
 - Meet all the new students, Industry keynotes, Presentation of the technical majors, Social events



Focus on Innovation & Entrepreneurship

- **Minor in Innovation and Entrepreneurship (I&E)** for a total of 30 ECTS. This minor includes 24 ECTS to be completed in the first year, including:
 1. a **mandatory course on I&E Basics** and a **Business Development Lab** course (15 ECTS in total),
 2. an **elective I&E course** (5 ECTS) which can be chosen by students based on the options made available by each partner institution,
 3. 4 ECTS awarded via an **EIT Digital Summer School** course on how to turn innovative digital technologies into business

The remaining 6 ECTS of the I&E minor will be completed by students in the second year of their studies through an **I&E study with Business Challenges**.



To probe further

EIT Digital at UniTN: <https://www.disi.unitn.it/eit-digital>

EIT Manufacturing at UniTN: <https://www.disi.unitn.it/eit-manufacturing>

EIT Master School portal: <https://masterschool.eitdigital.eu/>

EIT Master School portal: <https://www.eitmanufacturing.eu/what-we-do/education/master-school/>



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Thank You

Thank You, hope to see you again
for your Master's Degree

Happy Holidays!!