# Formálytas

# MASTER IN DIGITAL TWINS FOR INFRASTRUCTURES AND CITIES

**Área:** Sin clasificar
**Modalidad:** Presencial
**Duración:** 102 h
**Precio:** Consultar

Curso Bonificable
Contactar
Recomendar
Matricularme

## OBJETIVOS

The subjects, and the competences acquired in the Executive Master have been designed with a practical orientation to enable students to acquire the most relevant digital skills needed in the field of Digital Twins applied to infrastructures. In addition, the courses will facilitate the understanding of the benefits of the creation and development of digital twins and will enable them to address the complex problems often encountered in the planning, design, construction, operation and management of infrastructures and urban ecosystems.

## CONTENIDOS

*Management of Digital Twins & Industry 5.0
Design and deployment of DT
Innovation and industry 5.0
Validation and usage of DT

*Digital models and networks for digital twins
Principles of BIM and GIS
GIS in Digital Twin Cities

*Programming and software development
Introduction to Programming
Python programming

*Data science and artificial intelligence applied to Digital Twins
Big Data Technologies and applications for DT
Cloud computing and cybersecurity