

INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

MANAGEMENT ENGINEERING

The Master's degree trains high-level professionals specialised in analysing, designing and managing highly complex economic, production and service systems. It provides graduates with the capabilities of understanding and managing the interconnections of technical/production, human/organisation and economic/financial nature that underpin business processes. Graduates will also acquire a set of advanced skills and competences that will make them capable of successfully implementing change and innovation projects and fully exploiting the opportunities offered by the emerging digital technologies.



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MANAGEMENT ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Management and Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Vicenza, Italy

PROGRAMME COORDINATOR
Anna Nosella

WEB

www.unipd.it/en/management-engineering

APPLY.UNIPD.IT



ENTRY REQUIREMENTS

- Bachelor's degree (or equivalent) in Management Engineering, Industrial Engineering, or related subjects with proven skills in Engineering
- English language at B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Smart Operations and Supply Chain Management; Digital Manufacturing; Material Flow Systems and Logistic Networks; Digital Customisation; Organisational Change and Performance Measurement; Strategy and Digital Transformation; Precision and Quality for Manufacturing Innovation.

2nd Year: Sustainability and Digitalization of Metallurgical Processes; Energy Management and Digitalisation; Machine Learning, Clustering and Data Mining; Digital Twins for Automation and Collaborative Robots; Technology and Innovation Management; New Product Development Management; Digital Marketing.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,700 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates can work in private companies or public bodies, as experts in design, production and logistics, new product and service development, innovative project management, energy management, marketing and communication, sales and commercial activities, management accounting and control, business performance measurement, company information systems, and strategic analysis.