

University Master's degree in TECHNOLOGY AND ENGINEERING MANAGEMENT

The aim of the course is to complement training in the field of engineering skills needed for management, organization and management of people, projects, departments and technological and industrial enterprises, specially, the operation and management of innovation.

Aimed at

The Master is aimed at graduates with previous training in the field of Engineering, having thus previous knowledge in the field of economics and business and a solid education in basic subjects such as mathematics and statistics, and who want to expand their previous technical knowledge with advanced knowledge on the management of technology companies, the areas of operation, management and exploitation of innovation and the economy generally.

This Master is also aimed at graduates in the fields of science, with screening technology and professional environments strong tendency to innovation. In this case, they propose to take a number of additional training to ensure the homogeneity of the previous training of the students who attended the program.

Academic coordination: Dra. Mònica Martín Bofarull

Career opportunities

- Product manager
- Logistics Responsible
- Innovation manager
- Project manager
- Technical Director
- Technical Supervisor
- Responsible for finance management, marketing, logistics and human resources
- Creation of their own enterprises
- Realization of projects on request

Grants:

- URV Master's Degree Grants



WHERE

Escola Tècnica Superior d'Enginyeria Química
Av. dels Països Catalans, 26 43007 Tarragona

LANGUAGE

English

DURATION

60 ECTS
September 2017 to June 2018

TIMETABLE

Face-to-face
Monday to Friday from 15.00h to 19.00h

PROGRAMME

FIRST YEAR: Compulsory subjects

CREDITS

First semester (URV)

· Business Indicators and Accounting	3
· Macroeconomic Analysis	3
· Introduction to Management	4.5
· Economics of Energy and the Environment	3
· Empirical Methods in Management	3
· Business Taxation	3
· Industrial Leadership	3
· Communication and Negotiation	3
· Decision Theory	3

Second semester

· Competition Law	3
· Marketing Strategies	3
· Human Resource Management	3
· Change Management and Organizational Design	3
· Corporate Finance	3
· Process and Innovation Management	3
· Transportation, Distribution and Logistics	3
· Final Master's Degree Project	10.5

BRIDGING COURSES (**):

· Economy and Industrial Organization	6
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(**) After checking the candidate's transcript, the body responsible for admission can decide that the student must attend and satisfactorily complete some of the subjects that are programmed as bridging courses.

