

## **Master's degree year 1 - semester 1**

Management (6 ECTS) including:

- \*\* Communication techniques (2 ECTS)
- \*\* Organisational change management (2 ECTS)
- \*\* Social law (2 ECTS)

Applied mechanics (6 ECTS) including:

- \*\* Mechanics of continuous media - energetic approach (3 ECTS)
- \*\* Energy recovery and storage (3 ECTS)

Project management (9 ECTS) including:

- \*\* Carbon footprint (2 ECTS)
  - \*\* Production tool management (7 ECTS)
- Reliability, maintainability, availability (3 ECTS)  
Tools for maintenance forecasting (3 ECTS)  
English (3 ECTS)

## **Master's degree year 1 - semester 2**

Digital methods for industrial engineering (6 ECTS)

Hydraulic, electrical and energetic systems technology and security (9 ECTS)

Internship in companies (15 ECTS)

## **Master's degree year 2 - semester 1**

Industrial and organisational risks analysis and management (6 ECTS)

Life-cycle assessment and cost of ownership (2 ECTS)

Ergonomy, human factor, risk forecast (4 ECTS)

Dependability (6 ECTS)

Innovation management and enterprise creation (2 ECTS)

Advanced maintenance management (4 ECTS)

English (6 ECTS)

## **Master's degree year 2 - semester 2**

Internship (30 ECTS)