



MECHANICAL ENGINEERING

MASTER'S DEGREE

Department of
Economics, Engineering,
Society and Business
Organization

unitusorienta.unitus.it



UNIVERSITÀ
DEGLI STUDI DELLA
TUSCIA



MECHANICAL ENGINEERING

MASTER'S DEGREE

The Master degree course in Mechanical engineering of the University of Tuscia aims at training engineers able to combine the skills of the mechanical engineer in a **multidisciplinary application context**, and also covers skills in innovative energy, materials, new production technologies, and the environment. The master's degree course is the natural progression for graduates with the bachelor's degree in Industrial engineering.

The course, totally taught in English, is structured in a **common path**, which provides training activities strongly oriented towards the methodological and conceptual study of the engineering subjects, and two alternative **specialized paths**:

- **Manufacturing & Design**, focused on the design, production, and monitoring of both mechanical components and industrial machinery and plants with the aid of advanced analysis and design methods such as FEM, CFD and computer-assisted design;
- **Future Energy**, focused on providing the necessary tools to understand and analyze classical and innovative energy conversion systems, such as thermonuclear fusion and hydrogen-based systems, with particular attention to issues related to the design of methods for energy storage and transport.

LM-33
Mechanical Engineering

Years: 2
ECTS: 120

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INFO AND CONTACTS

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