



MECHANICAL ENGINEERING

MASTER'S DEGREE

Department of
Economics, Engineering,
Society and Business

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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**, which also covers skills in materials, new production technologies, energy and environment. The master's degree course is the natural progression for graduates with the bachelor's degree in Industrial Engineering.

Therefore, the planned training activities will be strongly oriented towards the methodological and conceptual study of the engineering subjects. In particular, issues concerning the design, production, and monitoring of both mechanical components and industrial machinery and plants will be explored through advanced analysis and design methods such as FEM, CFD and computer-assisted design.

In addition, students will be provided with the necessary tools to understand and analyze classical and innovative energy conversion systems, such as thermonuclear fusion, with particular attention to issues related to the design of methods for **energy storage and transport**.

INFO AND CONTACTS
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LM-33
Mechanical Engineering

Years: 2
ECTS: 120

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