

Master's Degree LM-33

MECHANICAL ENGINEERING



UNIVERSITÀ
DEGLI STUDI DELLA
TUSCIA

DIPARTIMENTO DI ECONOMIA, INGEGNERIA,
SOCIETÀ E IMPRESA

MECHANICAL ENGINEERING

Master's Degree

The Master's degree program in **Mechanical Engineering** at the University of Tuscia is designed to train professionals who can integrate mechanical engineering skills within a multidisciplinary and applicative context, covering areas such as materials, new production technologies, energy, and the environment. The program naturally complements the education of graduates from the Bachelor's degree in Industrial Engineering.

The program, which is taught entirely in English, consists of a common core that focuses on methodological and conceptual deepening of engineering subjects, building on the foundational knowledge gained during the undergraduate degree. It also offers two specialized tracks:

- **Manufacturing & Design:** Focused on the design, production, and monitoring of both individual mechanical components and industrial machinery and plants using advanced design and analysis methods such as FEM, CFD, and CAD.
- **Future Energy:** Aimed at providing the tools needed to understand and analyze both traditional and innovative energy conversion systems, such as nuclear fusion and hydrogen-based systems, with particular attention to the design of systems and methods for energy storage and transport.

Students enrolled in the Master's degree program in Mechanical Engineering have the opportunity to pursue a double degree with the Polytechnic University of Tirana, enriching their academic experience and global perspective.

INFO AND CONTACTS

www.unitus.it/en/



LM-33
Mechanical engineering

Years: 2 anni
ECTS: 120

Department of
Economics,
Engineering,
Society and Business
Organization

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Double degree with
Polytechnic University
of Tirana
for Energy profile

