

**Engineering Faculty** 

## Master in Energy Management

The aim of the Master in Energy Management is to realize a highly specialized course in order to provide students with the methodologies for the rational use of energy, based on energy saving and efficiency. The programme deals with the issues related to energy efficiency in civil and industrial sectors, energy certification, and energy efficiency improvement of the buildings. Moreover, it deals with a rational use of energy, energy production from renewable sources and integrated storage systems, as well as with use of home automation for energy saving. The Master programme will provide students with the competences on applicable laws and on energy free market. The course's objective is to train professionals who will be able to operate in the energy industry, being involved in the processes of existing energy resources management and in realising new highly efficient energy systems. The course meets the increasing demand for professionals skilled in this field, also in the light of the Community directives and national regulations promoting energy efficiency improvement and production of energy from renewable sources. Upon completion of this study path, the student, who has attended the online Master in Energy Management, will be able to face energy problems in civil and industrial sectors. He/ she will be able to provide advice for the realisation of small-size plants for producing energy from renewable sources, and to propose solutions to improve energy efficiency of civil, residential, and industrial buildings. He/she will possess the skills to make energy certification of building, as well as the skills required to carry on free-lance activities in the field of energy-efficient building design and energy improvement of existing buildings.

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### Course's Structure:

- · Basics of Energetics
- · Project Management
- · Energy Certification of Buildings
- · Complements of Technical Physics
- · Safety and Construction Sites
- · Rational Energy Management and Regulation in the Energy
- · Internships
- · Project Works of Business Study Cases
- · Final Dissertation

# For information and training support

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