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CONTACT AND ADDITIONAL  
INFORMATION:



Polytechnic Institute of Leiria  
Master coordinator  
[coord.meena.estg@ipleiria.pt](mailto:coord.meena.estg@ipleiria.pt)



Technical University of Moldova  
Faculty of Urbanism and Architecture  
[lunguval@starnet.md](mailto:lunguval@starnet.md)

## DOUBLE MASTER DEGREE IN ENVIRONMENTAL SCIENCES

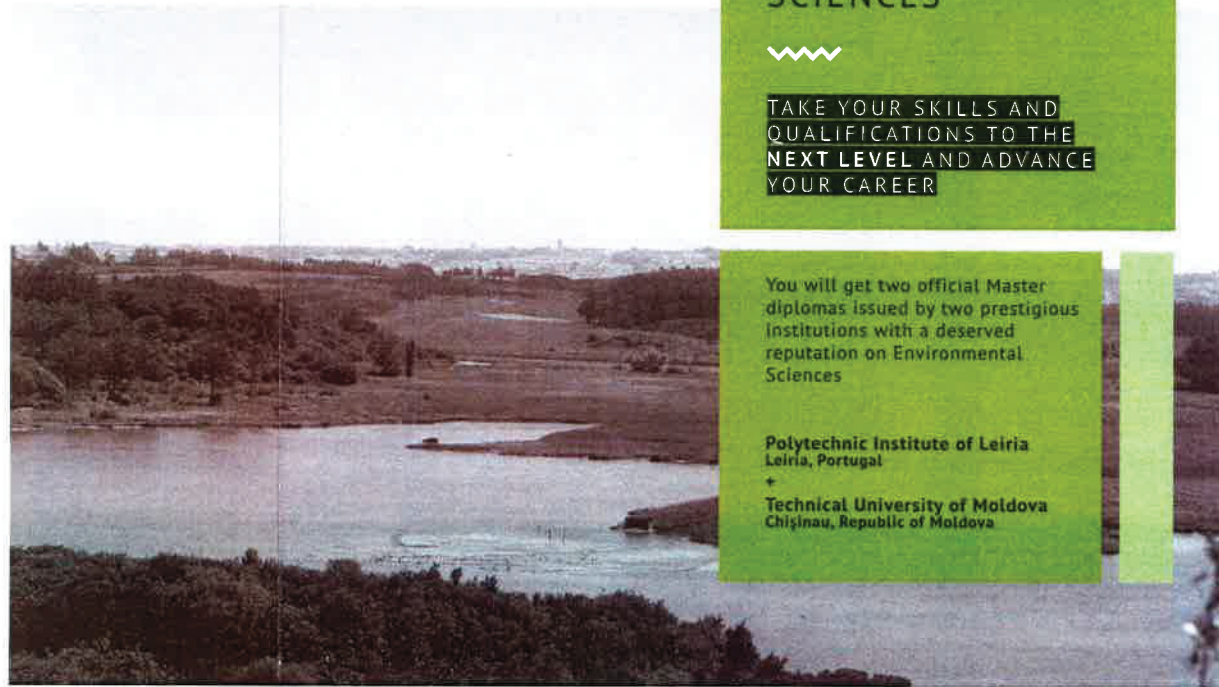


TAKE YOUR SKILLS AND  
QUALIFICATIONS TO THE  
NEXT LEVEL AND ADVANCE  
YOUR CAREER

You will get two official Master  
diplomas issued by two prestigious  
institutions with a deserved  
reputation on Environmental  
Sciences

Polytechnic Institute of Leiria  
Leiria, Portugal

+  
Technical University of Moldova  
Chişinău, Republic of Moldova



 Reform of Education THru  
INTERNATIONAL Knowledge exchange



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## WHY SHOULD I CHOOSE TO STUDY THIS DOUBLE MASTER DEGREE?

Double Master Degree in Environmental Sciences, offered jointly by the Polytechnic Institute of Leiria (IPLEiria) in Portugal and Technical University of Moldova (TUM), gives students the appropriate skills necessary to improve their opportunities to develop a professional career in the current evolving global environment.

Double Degrees are the ultimate level of cooperation among higher education institutions within the global education scenario and this Master offers you training according to the highest European academic standards, together with the most international and intercultural tools needed for success in our globalized world. It has the advantages of being versatile, flexible and improve opportunities in careers and networking.



## WHAT WILL I GET AFTER FINISHING MY STUDIES?

You will get two official Master diplomas issued by two European prestigious institutions:

>Master degree in Energy and Environmental Engineering by Polytechnic Institute of Leiria (IPLEiria), Portugal;

>Master degree in Management of Sanitary Engineering Facilities and Environmental Protection by Technical University of Moldova (TUM), Republic of Moldova.

This program will provide you with technical and scientific skills to the level of renewable energy, energy efficiency and environmental technologies associated with the management of water, air, waste, noise and transport. Are still conferred on the areas of energy and environmental policies, in its dimensions ecological, social, economic and technological developments, with a view to promoting sustainable development and management.



## WHAT DO I NEED TO ENROL?

The Double Master Degree in Environmental Sciences is designed for students and professionals with different scientific backgrounds such as biology, chemistry, environmental health and several branches of Engineering.

The basic prerequisite is to hold an undergraduate Degree from a European Higher Education Area (EHEA) university or equivalent from a non-EHEA university with access to Master Degrees in their own academic systems.

At least you have to accredit a B1 English level to enrol.

**MASTER IN ENERGY AND ENVIRONMENTAL ENGINEERING**  
POLYTECHNIC INSTITUTE OF LEIRIA, LEIRIA, PORTUGAL

**+**  
**MASTER IN SCIENCE IN MANAGEMENT OF SANITARY ENGINEERING FACILITIES AND ENVIRONMENTAL PROTECTION**  
TECHNICAL UNIVERSITY OF MOLDOVA, CHIŞINAU, REPUBLIC OF MOLDOVA



**SEPTEMBER - JULY**  
**4 SEMESTERS**  
**120 ECTS**

## STUDY PROGRAMME

SEMESTER	CURRICULAR UNIT
1 (IPLEIRIA)	Decision and Optimization Methods Thermofluids Two elective Chair <sup>1</sup>
2 (TUM)	Integrated environmental protection Impact of environmental health engineering systems Fundamentals of advanced technology engineering networks Clean technologies and sustainable management of ecosystems Technological processes and equipment for municipal and industrial wastewater Water treatment processes and installations
3 & 4 (TUM & IPLEIRIA)	Dissertation

### <sup>1</sup>ELECTIVE CHAIRS

Environmental Management Policies  
Energy Policy and Sustainable  
Evaluation of Environmental Parameters  
Air Quality Management