

www.ipleiria.pt

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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
+
Gavar State University
Gavar, Armenia

 **Reform of Education Thru
RETHINK International Knowledge exchange**

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Tempus Programme
of the European Union

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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 Gavar State University (GSU), Armenia, 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 and higher rates of employability on the globalised labour market. It has the advantages of being versatile, flexible and to 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 **Science in Environment Protection and Use of Nature** by Gavar State University (GSU), Armenia.

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.

Students must have an approved English qualification at level B1 or above to enrol.

MASTER IN ENERGY AND ENVIRONMENTAL ENGINEERING
+
MASTER IN SCIENCE IN ENVIRONMENT PROTECTION
AND USE OF NATURE

SEPTEMBER - JULY
4 SEMESTERS
120 ECTS

STUDY PROGRAMME

Students from GSU

Semester	Curricular unit
1 GSU 30 ECTS	Methodology of Scientific Research
	Contemporary Issues of Ecology
	Anthropogenic Sources of Air Pollution
	Foreign Language (Major in English)
	Genetic Engineering
	Current Problems of Organic Agriculture
	The Environment and Human Inheritance
	Current Problems of Industrial Waste Prevention
	Information Technologies in Professional Research
	Seminars on Research
2 IPLEiria 30 ECTS	Electives Chairs1
3 and 4 GSU IPLEiria 60 ECTS	Dissertation, Project or Internship*

*The student should pick one. Co-supervision by IPEiria Professor and Defence in IPEiria.

Elective chairs 1 (IPLEiria): four (4) of the following chairs

Water Quality Management
Waste Management
Energy and Environment in Transports
Rational Use of Energy
Heating, Ventilation and Air-Conditioning Systems
Renewable Energies Technology
Environmental Impact Assessment

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