# www.ipleiria.pt

www.gsu.am

# CONTACT AND ADDITIONAL INFORMATION:

# O POLITÉCNICO De LEIRIA

Polytechnic Institute of Leiria Master coordinator coord.meena.estg@ipleiria.pt



Gavar State University Vice-Rector of Gavar State University a.aproyan@gsu.am

Reform of Education THru RETHINK• INternational Knowledge exchange



# **DOUBLE** MASTER DEGREE IN ENVIRONMENTAL SCIENCES

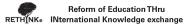
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TAKE YOUR SKILLS AND QUALIFICATIONS TO THE **NEXT LEVEL** AND ADVANCE YOUR CAREER

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



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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 FI<u>NISHING</u> 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 gualification at level B1 or above to enroll

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

## STUDY PROGRAMME

#### Students from GSU

#### Students from IPLeiria

Semester	Curricular unit	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	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	2 IPLeiria 30 ECTS	Electives Chairs1	
3 and 4 GSU IPLeiria 60 ECTS	Dissertation, Project or Internship*	3 and 4 GSU IPLeiria 60 ECTS	Dissertation, Project or Internship*	
*The student should pick one. Co-supervision by IPLeiria Professor and Defence in IPLeiria.			*The student should pick one. Co-supervision by IPLeiria Professor and Defence in IPLeiria.	

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