

[www.ipleiria.pt](http://www.ipleiria.pt)

[www.gsu.am](http://www.gsu.am)

**CONTACT AND ADDITIONAL  
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**Gavar State University**

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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

## 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 enroll.

**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
2 IPLeiria 30 ECTS	Current Problems of Organic Agriculture
	The Environment and Human Inheritance
	Current Problems of Industrial Waste Prevention
3 and 4 GSU IPLeiria 60 ECTS	Information Technologies in Professional Research
	Seminars on Research
3 and 4 GSU IPLeiria 60 ECTS	Electives Chairs1
	Dissertation, Project or Internship*

\*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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