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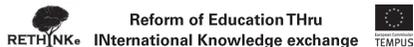
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DOUBLE MASTER DEGREE IN ENVIRONMENTAL SCIENCES



**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
+
**Azerbaijan University of Architecture
and Construction**
Baku, Azerbaijan



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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 Azerbaijan University of Architecture and Construction (AzUAC) in Azerbaijan, 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 Ecological Engineering** by Azerbaijan University of Architecture and Construction (AzUAC), Baku, Azerbaijan.

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 ECOLOGICAL ENGINEERING

SEPTEMBER – JULY
4 SEMESTERS
120 ECTS

STUDY PROGRAMME

Students from AzUAC

Semester	Curricular unit
1 AzUAC 30 ECTS	Foreign languages Modern problems of Ecological science History and methodology of Ecology science Waste Prevention Waste Processing system
2 AzUAC 30 ECTS	Computer programming Resource Economy Wastewater Management Introduction to Environmental Planning Elective Chairs 1
3 IPLeiria 30 ECTS	Methods of Decision making and Optimization Thermo fluids Elective Chairs 2
4 AzUAC 30 ECTS	Scientific practice Pedagogical practice MSc Project Dissertation*

*Co-supervision by IPLeiria Professor and Defence in AzUAC

Elective chairs 1 (AzUAC): one of the following chairs
Ethics
Aesthetics

Elective chairs 2 (IPLeiria): two of the following chairs
Environmental Management Policies
Energy Policy and Sustainable Development
Evaluation of Environmental Parameters
Air Quality Management

Students from IPLeiria

Semester	Curricular unit
1 IPLeiria 22.5 ECTS	Decision and Optimization Methods Thermofluids Elective Chairs 1
2 AzUAC 38 ECTS	Modern problems of Ecological science Elective Chairs 2
3 and 4 IPLeiria 60 ECTS	Elective Chairs* 3

*Co-supervision by AzUAC Professor and Defence in IPLeiria.

Elective chairs 1 (IPLeiria): one of the following chairs
Environmental Management Policies
Energy Policy and Sustainable Development
Evaluation of Environmental Parameters
Air Quality Management

Elective chairs 2 (AzUAC): one of the following Blocks of chairs

Block 1	Block 2
Application of the durability of the slipping slopes	Waste prevention
Planning and management of the environment	Introduction to environmental planning
Protection and usage of natural stocks	Resource economics
Recultivation of the land	Water processing system

Elective chairs 3 (IPLeiria): one of the following chairs
Dissertation
Internship
Project