www.ipleiria.pt

www.azmiu.edu.az

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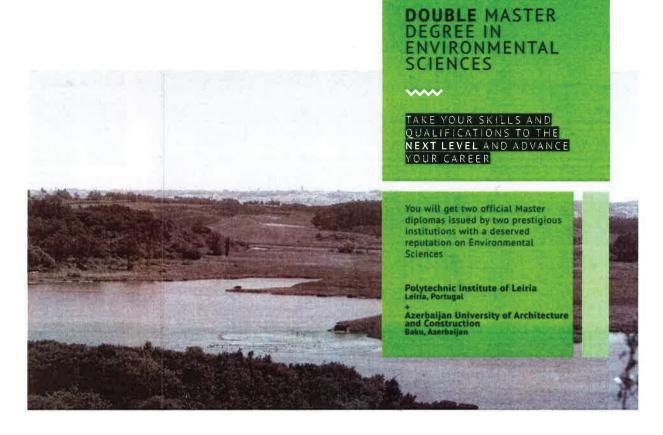
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Reform of Education THru RETHINK. INternational Knowledge exchange TEMPUS







Reform of Education THru RETHINK. 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 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?

www

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
	Foreign languages
1	Modern problems of Ecological science
AzUAC	History and methodology of Ecology science
30 ECTS	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	Decision and Optimization Methods
IPLeiria	Thermofluids
22.5 ECTS	Elective Chairs 1
2 AzUAC 38 FCTS	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

Recultivation of the land Water processing system

Elective chairs 3 (IPLeiria): one of the following chairs

Dissertation Internship Project