

www.ipleiria.pt

donnaba.edu.ua

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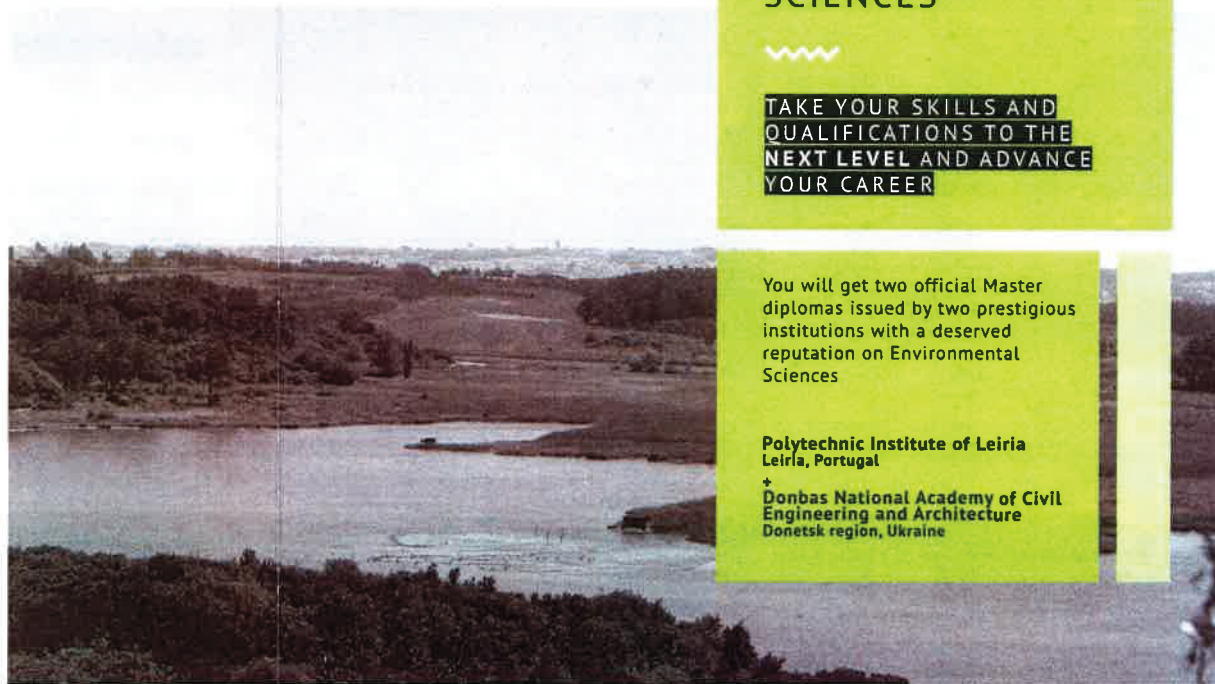


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Reform of Education THru
International Knowledge exchange



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
+
Donbas National Academy of Civil Engineering and Architecture
Donetsk region, Ukraine



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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 Donbas National Academy of Civil Engineering and Architecture (DonNACEA), Ukraine, 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 (Environmental) Engineering** by Donbas National Academy of Civil Engineering and Architecture (DonNACEA), Ukraine.

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 ECOLOGICAL (ENVIRONMENTAL) ENGINEERING

SEPTEMBER – JULY
4 SEMESTERS
120 ECTS

STUDY PROGRAMME

Students from DonNACEA

Semester	Curricular unit
1 IPLEiria 30 ECTS	Methods of Decision making and Optimization Thermo fluids Elective Chairs 1
2 DonNACEA 30 ECTS	Ecological management and audit Stuff psychology management Pedagogics of universities Civil Defense Wastes' management and eco-technologies Methodology of scientific researches Donbas Ecological problems Ecology of automobile transport Modern ecological technologies
3 DonNACEA 30 ECTS	Intellectual property Sustainable development strategy Ecological inspection Information technologies for scientific researches Basics of reliability of nature-saving systems
4 DonNACEA 30 ECTS	Master's practice* Preparation and qualification of Master's thesis*

*Co-supervision by IPEiria Professor and Defence in DonNACEA

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

Students from IPEiria

Semester	Curricular unit
1 DonNACEA 30 ECTS	Legislation, regulation and environmental management Geoinformation systems and technologies Computer-aided system for environmental operating activity Paleoenvironment and biomonitoring Water quality Soil quality Air quality
2 IPLEiria 30 ECTS	Electives Chair 1
3 & 4 IPLEiria 60 ECTS	Electives Chair*2

*Co-supervision by DonNACEA Professor and Defence in IPEiria

Elective chairs 1 (IPLEiria): four 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

Elective chairs 2 (IPLEiria): one of the following chairs
Dissertation
Internship
Project