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CONTACT AND ADDITIONAL  
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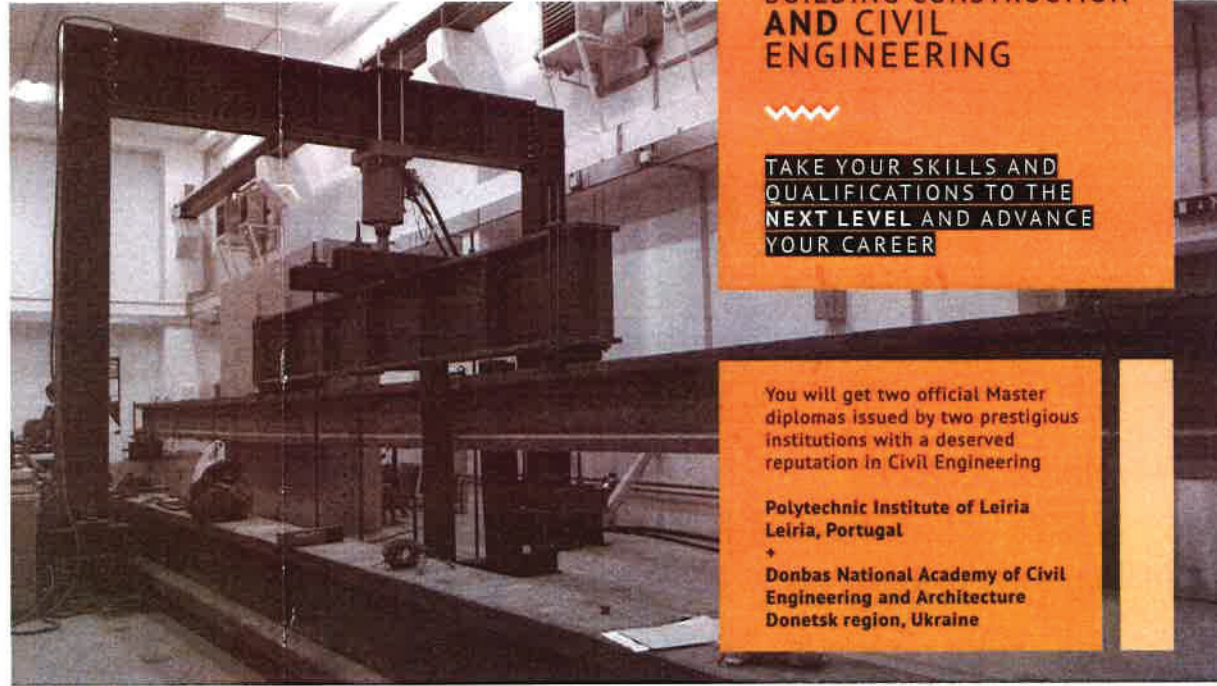


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## DOUBLE MASTER DEGREE IN CIVIL ENGINEERING BUILDING CONSTRUCTION AND CIVIL ENGINEERING

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 in Civil Engineering

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?

The Double Master Degree in Civil Engineering, offered jointly by the Polytechnic Institute of Leiria (IPLeia) in Portugal and Donbas National Academy of Civil Engineering and Architecture, Ukraine, gives students the appropriate skills necessary to improve their opportunities to develop a professional career in the construction industry and gain an awareness of the context in which engineering operates, in terms of design, construction and the 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 Civil Engineering – Building Construction** by Polytechnic Institute of Leiria (IPLeia), Portugal, which has been accredited by European Accreditation of Engineering Programmes EUR-ACE. The EUR-ACE® label facilitates graduate mobility as promoted by the EU Directive on Recognition of Professional Qualification;

>**Master degree in Civil Engineering** by Donbas National Academy of Civil Engineering and Architecture, Ukraine.

This program will provide you with technical and scientific skills of a civil construction engineer, developing advanced knowledge of civil engineering and associated engineering and scientific disciplines (structure dynamics, sustainable building design, transportation, geotechnics, water supply and drainage, environmental, planning and construction). In this degree, students will develop original work in a specific field, through a project, a dissertation or an internship.

Assurance that the EUR-ACE®labelled programme meets high European and international standards and is recognised by employers in Europe.



## WHAT DO I NEED TO ENROL?

The Double Master Degree in Civil Engineering is designed for students and professionals with scientific backgrounds in the field of Civil Engineering or other related technological areas.

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 enrol.

## MASTER DEGREE IN CIVIL ENGINEERING BUILDING CONSTRUCTION + MASTER DEGREE IN CIVIL ENGINEERING

SEPTEMBER – JULY  
4 SEMESTERS  
120 ECTS

## STUDY PROGRAMME

### Students from IPLeia

Semester	Curricular unit
1 IPLeia 30 ECTS	Dynamic Analysis and Earthquake Engineering
	Construction and Maintenance of Road Pavements
	Urban Hydraulics
	Coatings and finishes
2 IPLeia 30 ECTS	Sustainable Construction
	Safety and Quality in Construction and Projects
	Wood and Masonry Structures
	Modelling and Evaluation of Structures
	Environmental Comfort in Buildings
3 DonNACEA 18 ECTS	Mobility Planning and Management
	Introduction to Research in Civil Engineering
	Pre-stressed Structures and Prefabrication
3 and 4 (IPLeia)* 42 ECTS	Support Structures and Improvement of Soil
	Repair, reconstruction and improvement of building structures
*Co-supervision by DonNACEA Professor	
<b>Elective subjects 1</b> The students should pick one of the following subjects	
	Project (42 ECTS)
	Dissertation (42 ECTS)
	Internship (42 ECTS)

### Students from DonNACEA

Semester	Curricular unit
1 DonNACEA 30 ECTS	Dynamic Analysis and Earthquake Engineering
	Building technology for special buildings and structures
	City pipelines and networks (water nets, waste water nets, gas, heat, ventilation supplies nets)
	Technological works with new constructional materials
2 DonNACEA 30 ECTS	Information technologies for researching
	Basics of quality management and products certification
	Special building structures (steel, composite and reinforced concrete)
	Experimental investigations for building structures
	Environmental engineering, Special course
3 (IPLeia) 18 ECTS	Designing of energy efficient and energy saving construction
	Transportation systems, Planning and Management
	Management and economics for building enterprise
3 and 4 (IPLeia)* 42 ECTS	Introduction to Scientific Researches in Civil Engineering
	Pre-stressed Structures and Prefabrication
*Co-supervision by IPLeia Professor	
	Pathology and Rehabilitation of Buildings
	Pedagogic practical training
	Scientific practical training
	Project/Dissertation/Internship