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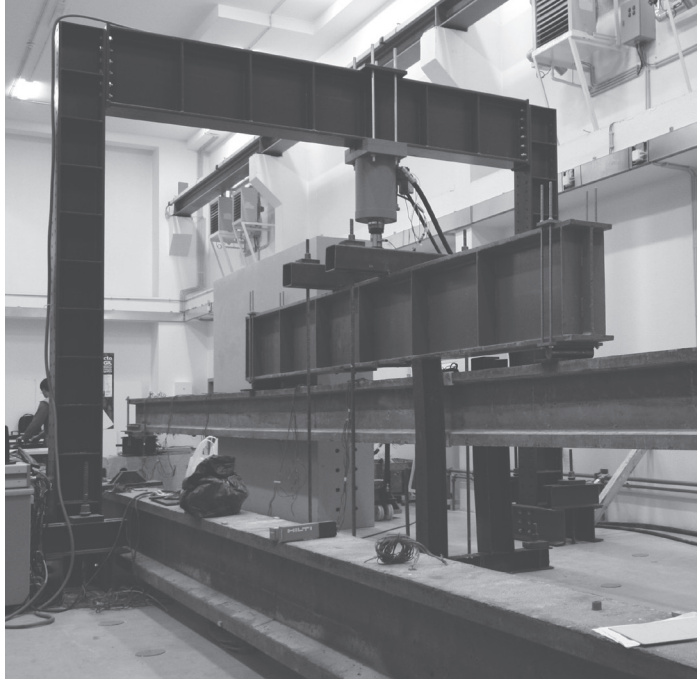
**CONTACT AND ADDITIONAL  
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**DOUBLE MASTER  
DEGREE IN  
CIVIL ENGINEERING  
BUILDING CONSTRUCTION  
AND CIVIL  
ENGINEERING  
INDUSTRIAL AND CIVIL  
CONSTRUCTION**



**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 Civil Engineering

**Polytechnic Institute of Leiria  
Leiria, Portugal  
+  
Azerbaijan University of  
Architecture and Construction**

## WHY SHOULD I CHOOSE TO STUDY THIS DOUBLE MASTER DEGREE?

Double Master Degree in Civil Engineering, offered jointly by the Polytechnic Institute of Leiria (IPLeia) 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 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 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 have 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 Engineering – Industrial and Civil Construction** University of Architecture and Construction (AZUAC), Baku, Azerbaijan.

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.

At least you have to accredit a B1 English level to enrol.

**MASTER DEGREE IN CIVIL ENGINEERING  
BUILDING CONSTRUCTION**  
+  
**MASTER DEGREE IN CIVIL ENGINEERING  
INDUSTRIAL AND CIVIL CONSTRUCTION**

## STUDY PROGRAMME

### Students from IPLeia

Semester	Curricular unit
1 (IPLeia)	Dynamic Analysis and Earthquake Engineering Construction and Maintenance of Road Pavements Urban Hydraulics Coatings and finishes Sustainable Construction
2 (IPLeia)	Safety and Quality in Construction and Projects Wood and Masonry Structures Modelling and Evaluation of Structures Environmental Comfort in Buildings Mobility Planning and Management Introduction to Research in Civil Engineering
3 (AzUAC)	Elective 1
3 and 4 (IPLeia)*	Elective 2

\*Co-supervision by AzUAC Professor

**Elective subjects 1 one of the following subjects**  
Reconstruction and technical exploitation of buildings and engineering systems  
Theory and design of buildings and facilities  
Modern problems of civil engineering  
Stability of buildings and facilities  
Inspection and earthquake tests of buildings and facilities  
Foundations calculation and design

### Students from AzUAC

Semester	Curricular unit
1 (AzUAC)	Foreign language Modern problems of civil engineering Methodology and history of civil engineering Stability of building and facilities Inspection and earthquake tests of buildings and facilities Foundations calculation and design Management, organization and technology of construction Block 1: 1) Engineering reinforced concrete constructions; 2) Spatial reinforced concrete constructions.
2 (AzUAC)	Block 2: 1) Specialized metal constructions; 2) Multistory buildings metal construction calculations.
3 (IPLeia)	Block 3: 1) Computer programmes for construction facilities calculations; 2) Construction facilities modern numerical calculation methods.
3 (IPLeia)	Elective1 Scientific practice
4 (AzUAC)	Pedagogical practice Dissertation*

\*Co-supervision by IPLeia Professor

**Elective subjects 1 one of the following subjects**  
Pre-stressed Structures and Prefabrication  
Support Structures and Improvement of Soil  
Pathology and Rehabilitation of Buildings  
Dynamic Analysis and Earthquake Engineering  
Urban Hydraulics  
Coatings and Finishings  
Sustainable Construction



**SEPTEMBER – JULY**  
4 SEMESTERS  
120 ECTS