

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 on Civil Engineering

Polytechnic Institute of Leiria
Leiria, Portugal

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Polotsk State University
Polotsk, Belarus



CONTACT AND ADDITIONAL
INFORMATION:



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WHY SHOULD I CHOOSE TO STUDY THIS DOUBLE MASTER DEGREE?

Double Master Degree in Civil Engineering, offered jointly by the Polytechnic Institute of Leiria (IPLeiria) in Portugal and Polotsk State University (PSU) in Belarus, 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 (IPLeiria), Portugal;

>**Master degree in Civil Engineering** by Polotsk State University (PSU), Belarus.

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.



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 IN CIVIL ENGINEERING – BUILDING CONSTRUCTION POLYTECHNIC INSTITUTE OF LEIRIA, LEIRIA, PORTUGAL

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MASTER IN CIVIL ENGINEERING POLOTSK STATE UNIVERSITY, POLOTSK, BELARUS

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**SEPTEMBER – JULY**  
4 SEMESTERS  
120 ECTS

## STUDY PROGRAMME

### SEMESTER CURRICULAR UNIT

|                           |                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 (IPLEIRIA)              | Dynamic Analysis and Earthquake Engineering<br>Construction and Maintenance of Road Pavements<br>Urban Hydraulics<br>Coatings and finishes<br>Sustainable Construction                                                                              |
| 2 (IPLEIRIA)              | Safety and Quality in Construction and Projects<br>Wood and Masonry Structures<br>Modelling and Evaluation of Structures<br>Environmental Comfort in Buildings<br>Mobility Planning and Management<br>Introduction to Research in Civil Engineering |
| 3 (PSU)                   | Elective <sup>1</sup><br>Structure and solidification of soil<br>Reinforced constructions/prefabricated constructions<br>Innovation Management                                                                                                      |
| 3 & 4<br>(PSU & IPLEIRIA) | Project/Dissertation/Internship                                                                                                                                                                                                                     |

### <sup>1</sup>ELECTIVE CHAIRS

Pathology and Rehabilitation of Buildings  
Mobility Planning and Management