

[www.ipleiria.pt](http://www.ipleiria.pt)  
[donntu.edu.ua](http://donntu.edu.ua)

**CONTACT AND ADDITIONAL  
INFORMATION:**



**Polytechnic Institute of Leiria**  
Master coordinator  
[coord.meena.estg@ipleiria.pt](mailto:coord.meena.estg@ipleiria.pt)



**Donetsk National Technical University**  
Head of Department of Chemical Engineering  
[zeixtt@gmail.com](mailto:zeixtt@gmail.com)



## 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  
+  
**Donetsk National Technical  
University**  
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 Donetsk National Technical University (DNTU), 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 Chemical Technology and Engineering** by Donetsk National Technical University (DNTU), 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 CHEMICAL TECHNOLOGY AND ENGINEERING**

**SEPTEMBER – JULY**  
4 SEMESTERS  
120 ECTS

## STUDY PROGRAMME

### Students from DNTU

Semester	Curricular unit
1 IPLeiria 30 ECTS	Methods of Decision making and Optimization Thermo fluids Elective Chairs 1
2 DONTU 30 ECTS	Ecological problems and their solutions in the innovative technologies of processing fossil fuels  Modern experimental methods of analysis in ecology and chemical engineering Philosophy of Science and Technology Theory and Practice of Scientific Research  Theoretical basis and ecology of technological processing of fossil fuels  Computer processing of results of research in ecology and chemical engineering
3 and 4 DNTU IPLeiria 60 ECTS	Dissertation, Project or Internship*

\*The student should pick one. Co-supervision by IPLeiria Professor and Defence in IPLeiria.

### 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 IPLeiria

Semester	Curricular unit
1 IPLeiria 30 ECTS	Methods of Decision making and Optimization Thermo fluids Elective Chairs 1
2 DONTU 30 ECTS	Ecological problems and their solutions in the innovative technologies of processing fossil fuels  Modern experimental methods of analysis in ecology and chemical engineering Philosophy of Science and Technology Theory and Practice of Scientific Research  Theoretical basis and ecology of technological processing of fossil fuels  Computer processing of results of research in ecology and chemical engineering
3 and 4 DNTU IPLeiria 60 ECTS	Dissertation, Project or Internship*

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