

**Bachelor • Porto**

# ENVIRONMENTAL ENGINEERING



## Direction

Cândida Manuel  
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## Secretariat

Inês de Freitas Ramos  
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## Duration

3 Years

## Credits

180 ects

## Exams

Have one of the following sets:

- 02 Biologia e Geologia and 16 Matemática
- 07 Física e Química and 16 Matemática

## Presentation

The 1st cycle in Environmental Engineering combines a solid history in Lusophone University of Porto over 20 years, an updated curriculum and training in areas of great interest today. This course is strongly valued with scientific, practical and technological knowledge in the various areas that compose the environmental engineering, particularly in the treatment of effluents and solid waste, environmental impact studies, water resources, study of natural ecosystems, environmental and quality management, sustainability planning, among others. The faculty in Environmental Engineering is formed by career teachers, researchers and business professionals with great experience, thus promoting the employability of future graduates. The operating mode can be in daytime and / or post-labor regime.

# STUDY PLAN

## 1st Year / Common Core

1º Semestre	ects	2º Semestre	ects
Algebra	6	Computer Science and Programming	4
Biology	5	Ecology	5
Chemistry	5	Geology	4
Introduction to Environmental Engineering	3	Laboratory Techniques in Environment	5
Mathematical Analysis I	6	Mathematical Analysis II	6
Physics	5	Statistics	6

## 2nd Year / Common Core

1º Semestre	ects	2º Semestre	ects
Analytical Chemistry	6	Air Pollution	5
Climatology and Global Change	5	Analysis Instruments and Methods	6
Energy Efficiency	5	Fundamentals of Economics and Management	4
Environmental Law	5	Geographic Information Systems and Remote Sensing	5
Fluid Mechanics	5	Territorial Planning, Ordering and Sustainability	4
Microbiology	5	Thermodynamics	5

## 3rd Year / Common Core

1º Semestre	ects	2º Semestre	ects
Acoustic Pollution	5	Chemical and Biological Reactors	5
Environmental Assessment of Plans and Projects	5	Circular economy fundamentals	5
Hydric Resources Planning and Management	5	Management Systems of Quality and Environment	5
Innovation and Entrepreneurship	5	Project / Internship	10
Protected Areas Management	5	Water and Wastewater Treatment Techniques	5
Waste Management and Treatment Techniques	5		

Linha direta  
para o teu futuro



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