

Bachelor • Lisboa

ENVIRONMENTAL TECHNOLOGIES AND MANAGEMENT



Direction

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Secretariat

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Duration

3 Years

Credits

180 ects

Presentation

The Bachelor's Degree in Environmental Technologies and Management focuses on the intersection between sustainability, digital innovation, and strategic management. With a duration of 3 years (180 ECTS), the program prepares professionals to lead the green transition through the use of advanced technological tools and efficient management models. The curriculum combines fundamental sciences with practical skills in areas such as the circular economy, decarbonization, and smart cities. The course stands out for its multidisciplinary approach, empowering students to actively intervene in the protection of natural resources and the improvement of organizations' environmental performance, in full alignment with global sustainable development goals.

STUDY PLAN

1st Year / General Path

1º Semestre	ects	2º Semestre	ects
Biology and Ecology	5	Climatology and climate change	5
Chemistry	5	Environmental Technologies I: Soil and sediments	5
Computer Science and Programming	5	Fundamentals of Economics and Management	5
Geology	5	Geographic Information Systems and Remote Sensing	5
Mathematics	5	Microbiology	5
Physics	5	Probabilidade e Estatística	5

2nd Year / General Path

1º Semestre	ects	2º Semestre	ects
Air Quality Management	5	Blue Economy	5
Environmental Data Analysis	5	Decarbonization and Carbon Neutrality	5
Environmental Technologies II: Waste	5	Environmental Digitization and Innovation	5
Hydrology and Water Resources	5	Environmental Management Systems and legal conformity	5
Renewable Energy and Energy Efficiency	5	Smart and Sustainable Cities	5
Sustainability and the Circular Economy	5	Spatial Planning and Coastline	5

3rd Year / General Path

1º Semestre	ects	2º Semestre	ects
Environmental Impact Assessment	5	Option I	5
Environmental Modeling of Systems	5	Option II	5
Environmental Technologies III: Water	5	Project_Internship	20
Project Management, Innovation and Entrepreneurship	5		
Renewable Energy Technologies and Evaluation	5		
Sustainable Materials and Technologies	5		

Linha direta
para o teu futuro



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