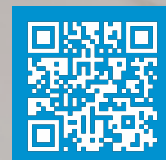


Bachelor • Lisboa

# CIRCULAR BIOECONOMY AND TECHNOLOGY



## Direction

Pedro Fernandes  
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## Secretariat

Natalia Raileanu  
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## Duration

3 Years

## Credits

180 ects

## Exams

Have one of the following sets:

- 02 Biologia e Geologia and 07 Física e Química
- 06 Filosofia and 16 Matemática
- 07 Física e Química and 16 Matemática
- 16 Matemática and 18 Português
- 04 Economia and 18 Português
- 02 Biologia e Geologia and 18 Português

## Presentation

This innovative course in Portugal aims to prepare a new generation of qualified professionals with knowledge in the areas of biotechnology, the environment and economics, who will be able to develop a sustainable and circular bioeconomy, a priority area in Europe, creating a symbiosis and fusion between economic models and biotechnological processes that can benefit national and international companies on an environmental, social and economic level. The ERASMUS+ partnership with the University of Applied Sciences of Trier in Germany enables student exchanges.

# STUDY PLAN

## 1st Year / Common Core

1º Semestre	ects	2º Semestre	ects
Basic financial accounting fundamentals	5	Eco-Economy	5
General Chemistry	5	Fundamentals of Bioprocesses	5
General Mathematics	5	General Physics	5
Lab Techniques	5	Introduction to Biotechnology and Bioeconomy	5
Software Applications	5	Microbiology	5
Technical English	5	Probabilities and Statistics	5

## 2nd Year / Common Core

1º Semestre	ects	2º Semestre	ects
Bioenergies	5	General Biochemistry	5
Enzyme Technology	5	Industrial Biotechnology	5
International Economic Law and Policy	5	Industrial Ecology and Life Cycle Evaluation	5
Principles of Engineering	5	Intercultural Communication	5
Social Sciences in the Circularity of Economics	5	Production Chain	5
Thermodynamics	5	Sustainable Technology Solutions	5

## 3rd Year / Common Core

1º Semestre	ects	2º Semestre	ects
Foundations of Environmental Impact Assessment	5	Environmental Management and Sustainability	5
Interdisciplinary project I	10	Interdisciplinary project II	10
Option I	5	Option III	5
Option II	5	Sustainability in construction	5
Social Responsibility and Business Ethics	5	Technology and Innovation- Entrepreneurship	5

Linha direta  
para o teu futuro



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