



**Bachelor • Lisboa**

# BIOCHEMISTRY

## Direction

Marta Carepo  
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## Secretariat

Rita Silva  
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## Duration

3 Years

## Credits

180 ects

## Exams

Have one of the following national exams:

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

## Presentation

The students of the 1st Cycle in Biochemistry delivered at Universidade Lusófona de Humanidades e Tecnologias (ULHT) will benefit from a competent and experienced academic staff, from modern and functional infrastructures, in particular for laboratory training. They also take advantage of the possibility to be initiated to scientific research during the 1º Cycle within a Curricular Unit of Project. This new Biochemistry course embraces the challenge of forming a new generation of Biochemists who will be part of public institutions and companies. Students will also be stimulated during the course to become themselves entrepreneurs within their area of expertise. To reach this goal the Biochemistry course in ULHT is betting on a well developed laboratory training as well as on the immediate enrollment of students in research activities. The collaboration with a successful Portuguese company in the area of Biochemistry will decisively contribute to develop the real opportunities that exist in self-entrepreneurship in this area of knowledge.

# STUDY PLAN

## 1st Year / Comon Core

1º Semestre	ects	2º Semestre	ects
Basic Chemistry	5.5	Analytical Chemistry	4.5
Biomolecules	5.5	Genetics	5.5
Cell Biology	5.5	Introduction to Computer Science	3.5
General Physics	4	Introduction to Physical Chemistry	5.5
Introduction to the Life Sciences Study	1.5	Microbiology	5.5
Laboratory Techniques in Biochemistry	3.5	Organic Chemistry	5.5
Mathematics for Biochemistry	4.5		

## 2nd Year / Comon Core

1º Semestre	ects	2º Semestre	ects
Biostatistics	5.5	Basics of Company Management	3.5
Metabolism and Bioenergy	5.5	Bioinformation Technology	5.5
Molecular Biology	5.5	Bioinorganic Chemistry	5.5
Option I	4.5	Clinical Biochemistry	5.5
Physical Biochemistry	4.5	Enzymology	5.5
Physiology	4.5	Molecular Evolution	4.5

## 3rd Year / Comon Core

1º Semestre	ects	2º Semestre	ects
Contemporary Thought	2.5	Biochemistry Project	14
Genetic Engineering	5.5	Biomolecule Spectroscopy	5.5
Immunology	5.5	Option III	4.5
Nutritional Biochemistry	5.5	Option IV	4.5
Option II	5.5	Startup Company Creation	1.5
Structural Biochemistry	5.5		

Linha direta  
para o teu futuro



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