

Bachelor • Lisboa

BIOCHEMISTRY



Direction

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Secretariat

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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
- 02 Biologia e Geologia and 16 Matemática
- 07 Física e Química and 16 Matemática
- 16 Matemática and 18 Português
- 02 Biologia e Geologia and 18 Português
- 07 Física e Química and 18 Português

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 / Common 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 / Common 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 / Common 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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