

Bachelor • Lisboa

BIOMEDICAL ENGINEERING



Direction

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Secretariat

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Duration

3 Years

Credits

180 ects

Exams

Have the following set:

- 07 Física e Química and 19 Matemática A

Presentation

STUDY PLAN

1st Year / Comon Core

1º Semestre	ects	2º Semestre	ects
Algebra I	5	Calculus II	5
Calculus I	5	Circuit Theory	5
Digital Systems	7	Human Anatomy II	5
General Chemistry	5	Introduction to Biomedical Engineering	3
Human Anatomy I	4	Introduction to Contemporary Thought	3
Introduction to C Programming	6	Physics I	7

2nd Year / Comon Core

1º Semestre	ects	2º Semestre	ects
Calculus III	5	Biochemistry	6
Data Acquisition and Processing	6	Biophysics I	6
Electronics	6	Differential Equations and Complex Analysis	6
Human Physiology I	6	Electromagnetism and Waves	6
Physics II	7	Human Physiology II	6

3rd Year / Comon Core

1º Semestre	ects	2º Semestre	ects
Biophysics II	6	Biosensors	5
Cellular and Molecular Biology I	5	Computational Biology	5
Option I	5	Instrumentação	5
Option II	4	Nanotechnologies	5
Radiation in Biomedicine	5	Option III	5
Transfer Phenomena	5	Option IV	5