



BIOCHEMISTRY DEGREE STRUCTURE

FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
1º SEMESTER	2º SEMESTER	1º SEMESTER	2º SEMESTER	1º SEMESTER	2º SEMESTER	1º SEMESTER	2º SEMESTER
Chemistry (12)	Biology (12)	Enzymology (6)	Biosynthesis of Macromolecules (6)	Clinical Biochemistry (6)	Genetic Engineering (6)	Biophysics and Bioinformatics (6)	
Techniques of Biochemical Analysis I (6)	General Biochemistry (6)	Protein and Nucleic Acid Structure (9)	Structure of Biological Membranes (6)	Fundamentals of Biochemical Engineering (6)	Fundamentals of Bioreactors Design (6)	Integrated Laboratory of Biophysics and Bioinformatics (6)	
Physics for Biosciences (6)	Statistics and Calculus (6)	Laboratory of Biochemistry and Molecular Biology I (9)	Laboratory of Biochemistry and Molecular Biology II (6)	Immunology (6)	Molecular Pathology (6)	BA Thesis (18)	
General Chemistry Laboratory (6)	General Biology Laboratory (6)	Cell Signalling (6)	Regulation of Metabolism (6)	Integrated Laboratory of Biomedical Applications (6)	Integrated Laboratory of Biotechnology (6)	* Choose optional subjects until completing 60 ECTS.	
			Techniques of Biochemical Analysis II (6)	Clinical Microbiology, Parasitology and Virology (6)	Biotechnological Processes (6)		

OPTIONAL SUBJECTS *	
1º SEMESTER	2º SEMESTER
Developmental Biochemistry (6)	Environmental Biotechnology (6)
Environmental Biochemistry (6)	Food Biotechnology (6)
Pharmacological and Toxicological Biochemistry (6)	Clinical and Pharmaceutical Biotechnology (6)
Applied Immunology (6)	Plant Biotechnology (6)
Industrial Microbiology (6)	History of Biochemistry (6)
Neurochemistry (6)	

The numbers in parentheses correspond to the number of credits for each subject.