

GUIDE 2025_2026

CODE	COURSES	ECTS	SEMESTER	TYPE
1st course				
G1041101	Physics I *	6	1	FB
G1041102	Mathematics I *	6	1	FB
G1041103	General Chemistry I	6	1	FB
G1041104	General Chemistry II *	6	1	FB
G1041105	Applied Statistics and Computer Science for Chemists	6	2	FB
G1041106	Biology *	6	1	FB
G1041107	Physics II *	6	2	FB
G1041108	Mathematics II *	6	2	FB
G1041109	General Chemistry III	6	2	FB
G1041110	General Chemistry IV	6	2	FB
2nd course				
G1041221	General analytical chemistry	6	1	OB
G1041222	Quantum chemistry *	6	1	OB
G1041223	Non-metals and their compounds *	6	1	OB
G1041224	Organic Chemistry I: alkanes and derivatives	6	1	OB
G1041225	Basic principles of inorganic chemistry *	6	1	OB
G1041226	Analytical separation techniques	6	2	OB
G1041227	Spectroscopy *	6	2	OB
G1041228	Chemical thermodynamics *	6	2	OB
G1041229	Organic Chemistry II: unsaturated compounds	6	1	OB
G1041230	Metals and their compounds *	6	2	OB
3rd course				
G1041321	Spectroscopic and electrochemical analytical methods	6	1	OB
G1041322	Structural Analysis	4,5	1	OB
G1041323	Statistical thermodynamics and transport phenomena *	6	1	OB
G1041324	Organic Chemistry III: carbonyl carbonyl compounds, amines and heterocycles	6	1	OB
G1041325	Coordination chemistry *	6	1	OB
G1041326	Chemometrics and qualimetrics	6	2	OB
G1041327	Organometallic Chemistry *	4,5	2	OB
G1041328	Chemical kinetics and catalysis *	6	2	OB
G1041329	Fundamentals of organic synthesis	4,5	2	OB
G1041330	Biomolecular organic chemistry	6	2	OB
G1041331	Hyphenation, kinetic techniques and automation	6	2	OB
4th course				
G1041421	Chemical Engineering *	6	1	OB
G1041422	Physical chemistry of materials *	4,5	1	OB
G1041423	Biochemistry *	6	1	OB
G1041424	Inorganic and Organic materials	4,5	2	OB
G1041425	Final Degree Project	15		OB
G1041426	Professional Projects in Chemistry *	6	2	OB
G1041441	Chemistry and Industrial Economy *	4,5	2	OP
G1041442	Environmental Chemistry *	4,5	1	OP
G1041443	Environmental and Industrial Control and Analysis *	4,5	1	OP
G1041444	Polymers and Colloids *	4,5	2	OP
G1041445	Computational Chemistry *	4,5	1	OP
G1041446	Reaction Mechanisms in Organic Chemistry *	4,5	2	OP
G1041447	Spectroscopic Methods *	4,5	1	OP
G1041448	Reactivity in Inorganic Chemistry *	4,5	2	OP
G1041449	Biochemical and Clinical Analysis *	4,5	2	OP
G1041450	Synthesis of bioactive Compounds *	4,5	1	OP
G1041451	Bioinorganic Chemistry *	4,5	2	OP
G1041452	Advanced Biochemistry *	4,5	2	OP
G1041458	External internship	4,5		OP
	* Spanish language	190,5		
	English language	91,5		