

# GUIDE 2024\_2025

CODE	COURSES	ECTS	SEMESTER	TYPE
<b>1st course</b>				
G1041101	Physics I *	6	1	FB
G1041102	Mathematics I *	6	1	FB
G1041103	<a href="#">General Chemistry I</a>	6	1	FB
G1041104	General Chemistry II *	6	1	FB
G1041105	<a href="#">Applied Statistics and Computer Science for Chemists</a>	6	2	FB
G1041106	Biology *	6	1	FB
G1041107	Physics II *	6	2	FB
G1041108	Mathematics II *	6	2	FB
G1041109	<a href="#">General Chemistry III</a>	6	2	FB
G1041110	<a href="#">General Chemistry IV</a>	6	2	FB
<b>2nd course</b>				
G1041221	<a href="#">General analytical chemistry</a>	6	1	OB
G1041222	Quantum chemistry *	6	1	OB
G1041223	Non-metals and their compounds *	6	1	OB
G1041224	<a href="#">Organic Chemistry I: alkanes and derivatives</a>	6	1	OB
G1041225	Basic principles of inorganic chemistry *	6	1	OB
G1041226	<a href="#">Analytical separation techniques</a>	6	2	OB
G1041227	Spectroscopy *	6	2	OB
G1041228	Chemical thermodynamics *	6	2	OB
G1041229	<a href="#">Organic Chemistry II: unsaturated compounds</a>	6	1	OB
G1041230	Metals and their compounds *	6	2	OB
<b>3rd course</b>				
G1041321	<a href="#">Spectroscopic and electrochemical analytical methods</a>	6	1	OB
G1041322	<a href="#">Structural Analysis</a>	4,5	1	OB
G1041323	Statistical thermodynamics and transport phenomena *	6	1	OB
G1041324	<a href="#">Organic Chemistry III: carbonyl carbonyl compounds, amines and heterocycles</a>	6	1	OB
G1041325	Coordination chemistry *	6	1	OB
G1041326	<a href="#">Chemometrics and qualimetrics</a>	6	2	OB
G1041327	Organometallic Chemistry *	4,5	2	OB
G1041328	Chemical kinetics and catalysis *	6	2	OB
G1041329	<a href="#">Fundamentals of organic synthesis</a>	4,5	2	OB
G1041330	<a href="#">Biomolecular organic chemistry</a>	6	2	OB
G1041331	<a href="#">Hyphenation, kinetic techniques and automation</a>	6	2	OB
<b>4th course</b>				
G1041421	Chemical Engineering *	6	1	OB
G1041422	<a href="#">Physical chemistry of materials</a>	4,5	1	OB
G1041423	Biochemistry *	6	1	OB
G1041424	<a href="#">Inorganic and Organic materials</a>	4,5	2	OB
G1041425	<b>Final Degree Project</b>	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	<b>External internship</b>	4,5		OP
	* Spanish language	186		
	<a href="#">English language</a>	96		