

Degree in Chemistry

Subject	Code	Year	Fall Term	Spring Term	ECTS
Technical English	24056	3rd	x		3
Materials Science	24027	3rd	x		6
Molecular Physical Chemistry	24029	3rd		x	5
Organic Chemistry II	24047	4th	x		5
Inorganic Chemistry II	24067	4th	x		4
Structural Determination	24050	4th	x		5
Frontiers in Chemistry	24068	4th		x	3
Surface Chemistry	24069	4th		x	3
Biotechnology	24070	4th		x	3
Industrial Chemistry	24071	4th		x	3

Degree in Chemical Engineering

Subject	Code	Year	Fall Term	Spring Term	ECTS
Oral and Written Communication	24018	3rd	x		3
Material Science and Technology	24021	3rd	x		6
Applied Thermodynamics	24022	3rd		x	5
Electrical Engineering	24058	3rd		x	4
Industrial Chemistry	24035	4th		x	4
Instrumentation and Process Control	24036	4th	x		4
Reactor Design	24060	4th	x		5
Industrial Safety and Health	24062	4th	x		4
Process Simulation	24040	4th	x		4
Environmental Technology	24041	4th	x		5
Surface Technology and Chemistry	24063	4th		x	3
Industrial Electronics	24064	4th		x	3
Strength of Materials	24080	4th		x	3
Machines and Mechanisms	24066	4th		x	3

Degree in Industrial Engineering Technology

Subject	Code	Year	Fall Term	Spring Term	ECTS
Electronics	42020	3rd	x		5
Manufacturing Processes	42024	3rd		x	4,5
Electrical Systems	42025	3rd	x		5
Materials Technology	42026	3rd	x		6
Theory of Structures	42028	3rd		x	6
Oral and Written Communication	42030	3rd	x		3
Calculus of Machine Elements	42032	4th	x		6
Manufacturing Machines Technology	42036	4th	x		6
Materials Selection	42040	4th	x		4
Alternative Sources of Generating Energy	42042	4th	x		4
Computer Aided Product Engineering	42043	4th		x	6

Degree in Biotechnology

Subject	Code	Year	Fall Term	Spring Term	ECTS
Therapeutic Targets and Pharmacology	90029	3rd		x	5
Cell Cultures	90030	3rd		x	4
Immunology	90031	3rd		x	4
Oral and Written Communication	90032	3rd		x	3
Biocatalysis and Biotransformation	90034	4th	x		5
Biomedical devices and Biomaterials	90035	4th	x		5
Interdisciplinary Seminars	90038	4th		x	3
Biotechnology in Food, Environment, and Energy	90041	4th	x		5
Plant Biotechnology	90042	4th	x		5
Biotechnological Products and Drugs	90043	4th	x		5
Molecular Physiopathology	90045	4th	x		5
Tissue Engineering	90046	4th	x		5
Transgenic Animal and Gene Therapy	90047	4th		x	5
Structural Determination	90048	4th	x		5

Degree in Pharmacy

Subject	Code	Year	Fall Term	Spring Term	ECTS
Biostatistics	90513	2nd		x	6
Immunology	90518	2nd		x	3
Pharmaceutical Chemistry	90524	2nd		x	9
Biotechnology	90526	3rd	x		6
Structural Determination	90528	3rd	x		6

Spanish Intensive courses addressed to foreign students only

Spanish for Business 1 (A.1) ³	15548	Quarterly	X	X	5
Spanish for Business 2 (B.1) ³		Quarterly	X	X	5

¹ Special schedule: Fall Term: from end August to beginning Sept.; Spring Term: all January

IQS reserves the right to modify courses in the interest of academic development. Also certain courses may not run if the registered students are insufficient.