

Schedule of study programme implementation effective from the academic year 2024/2025

FIELD OF STUDY: APPLIED CHEMISTRY

Level of education: second-cycle studies, Master studies

Educational profile: general academic

mode of study: full-time studies

The programme accepted at the meeting of Faculty Board on: 18.01.2024

effective from the academic year: 2024/2025

ITEM	NAME OF A GROUP OF COURSES/ NAME OF A COURSE	COURSE USOS CODE	Exam after semester	Course credit after semester	A number of hours in the course									I year		II year					
					TOTAL	LECTURES	CLASSES	DISCUSSION CLASSES	LABORATORIES	FOREIGN LANGUAGE CLASSES	SEMINARS/PROSEMINARS	FIELD CLASSES	1 sem.	2 sem.	3 sem.	4 sem.					
													LECTURES	C/DC/L/FLC/SaP/FC	LECTURES	C/DC/L/FLC/SaP/FC	LECTURES	C/DC/L/FLC/SaP/FC	LECTURES	C/DC/L/FLC/SaP/FC	
1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Group of Courses_ 1 (subjects of general university education)																					
1	Foreign language	310-CS2-2FLA		2	30					30						30					
2	Entrepreneurship	310-CS2-3ENT		3	10				10									10			
3	Subject in humanities or social sciences	310-CS2-3HUM	3		30			30										30			
4	Specialistic linguistic workshop	310-CS2-3SLW		3	30					30								30			
5	Introduction to intellectual property management	310-CS2-4IPM		4	10	10													10		
TOTAL					110	10	0	30	10	60	0	0	0	0	0	30	0	70	10	0	
Group of Courses_ 2 (major subjects)																					
1	Inorganic & metalloorganic coordination chemistry	310-CS2-1IMC	1		30	10			20				10	20							
2	Advanced analytical chemistry	310-CS2-1AAC	1		30	10			20				10	20							
3	Advanced organic chemistry	310-CS2-1AOC	1		30	10			20				10	20							
4	Physical aspects of advanced techniques & processes	310-CS2-1PAT	1		30	10			20				10	20							
5	Molecular spectroscopy	310-CS2-1MSP		1	30	10			20				10	20							
6	Chromatography and electrophoresis	310-CS2-2CEL		2	30	10			20						10	20					
7	Sustainable chemistry and technology for the circular economy	310-CS2-2SCT		2	10	10									10						
8	Good laboratory practice	310-CS2-2GLP		2	30	10			20						10	20					
TOTAL					220	80	0	0	140	0	0	0	50	100	30	40	0	0	0	0	

Group of Courses_ 3 (elective subjects)																				
1	Monographic lecture	310-CS2-4MLE	4	15	15											15				
TOTAL				15	15	0	0	0	0	0	0	0	0	0	0	15	0			
Group of Courses_ 4 (specialization subjects)																				
1	Electives subject from block I - specialization	310-CS2-1SB1	1	150	40			110				40	110							
2	Electives subject from block II - specialization	310-CS2-1SBII	2	60	20			40						20	40					
TOTAL				210	60	0	0	150	0	0	0	40	110	20	40	0	0			
Group of Courses_ 5 (diploma module)																				
1	Specialization laboratory	310-CS2-2SL1, 310-CS2-3SL2, 310-CS2-4SL3	2,3,4	450				450						150		150	150			
2	Master seminar	310-CS2-3MS1, 310-CS2-4MS2	3,4	60					60							30	30			
TOTAL				510	0	0	0	450	0	60	0	0	0	0	150	0	180	0	180	
TOTAL				0	1065	165	0	30	750	60	60	0	90	210	50	260	0	250	25	180

checksum 1 1065
checksum 2 1065

a number of ex./cred. 4 2 2 3 1 2 1 1