Sylabusy - Centrum Informatyczne U



	ekt współfin nię Europejs Europejskieg Społec	ska w rama		
Course title			ECTS code	
MSc laboratory course		13.3.1307		
Name of unit administrating study				
null				
Studies				
faculty field of study	type	drugiego sto	nnia	
Wydział Chemii     Chemia		stacjonarne		
		Digital Chem	nistry	
spe	cialization	wszystkie		
Teaching staff				
dr hab. Jolanta Kumirska, profesor uczelni				
Forms of classes, the realization and number of hou	ırs		ECTS credits	
Forms of classes				
L charatany alagaga			20 Classes 370 h	
Laboratory classes The realization of activities				
			180 h in 3 semester	
classroom instruction			190 h in 4 semester Tutorial classes 60 h	
Number of hours			20 h in 3 semester	
Laboratory classes: 370 hours		20 h in 4 semester		
			Student's own work 260 h	
			45 h in 3 semester 45 h in 4 semester	
			TOTAL: 500 h - 20 ECTS	
			245 h and 10 ECTS in 3 semester	
			255 h and 10 ECTS in 4 semester	
The academic cycle				
2024/2025 winter semester			<b>e</b>	
Type of course	Languag	Language of instruction		
obligatory	English	<u>ו</u>		
Teaching methods			of assessment and basic criteria for eveluation or	
Practical laboratory work – computational chemistry		examination requirements Final evaluation		
experiments and case studies, analysis of obtained				
results and discussion.	Graded credit			
	Assessment methods			
	Realization of master project and presentation of the obtained results			
	The basic criteria for evaluation			
	an assessment of the quality of performed master's researches,			
	including substantive preparation, independence in their realization,			
		correctness of conducted researches (if performed), correctness of		
	interpretatio	on of the obta	ained results	
Method of verifying required learning outcomes Required courses and introductory requirements				

## A. Formal requirements

Knowledge of general, inorganic, and organic chemistry, biochemistry, and mathematics at the first-cycle education. Knowledge of basic issues in the field of quantum chemistry, chemometrics and/or related scientific fields. Specific knowledge and skills in programming in Python and/or R.

## B. Prerequisites

Knowledge of general, inorganic, and organic chemistry, biochemistry, and mathematics at the first-cycle education. Knowledge of basic issues in the

Dział Kształcenia



