

Subject card

Subject name and code	Nuclear chemistry, PG_00016491						
Field of study	Chemistry						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	Bachelor's studies	Subject group			Optional subject group		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish Polish language		
Semester of study	3	ECTS credits			1.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Faculty of Chemistry -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Grzegorz Olszewski				
	Teachers		dr Karolina Szymańska				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours		Self-study		SUM
	Number of study hours	30	1.0		9.0		40
Subject objectives	The aim of the course is to familiarize chemistry students with the content of lectures and auditorium exercises in nuclear chemistry and to consolidate the knowledge resulting from the physical and chemical processes occurring in the atomic nucleus.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[CHEML3_W01] Enumerates basic laws and theories in chemistry, physics, mathematics and biology.	Knows laws and theories in chemistry, physics, mathematics and biology.			[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion		
	[CHEML3_W05] Has basic knowledge of the chemical specialisation studied.	Has advanced knowledge in the field of chemical specialty studied.			[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion		
	[CHEML3_W03] Explains the relationship between the structure of matter and its observed properties.	Explains the relationship between the structure of matter and its properties			[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion		
	[CHEML3_W09] Describes the practical applications of IT tools (computer programmes) for chemical calculations and data analysis.	Describes the practical use of IT tools for chemical calculations			[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion		
	[CHEML3_W10] Enumerates and describes the basic aspects of the construction, operation and use of measuring apparatus and equipment used in experimental works in the field of chemistry and related sciences.	Describes the applications of measuring equipment in the field of chemistry and related sciences.			[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion		

