

Subject card

Subject name and code	Mathematical knowledge for early education, PG_00156320						
Field of study	Pre-school and Early School Education						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	uniform Master's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		4.0		
Learning profile	academic		Assessment form		exam		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Alicja Komorowska-Zielony				
	Teachers		mgr Julia Grzywińska				
			dr Alicja Komorowska-Zielony				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	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		0.0		95.0	125
Subject objectives	nie dotyczy						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[PPWJ5_K09] The graduate has social competences enabling them to critically assess one's own knowledge within a given area of education, and broaden it.		nie dotyczy		[SK5] implementation of a problem task [SK8] observation of student's independent or team work		
	[PPWJ5_W22] The graduate knows and understands to an in-depth level-He/she has advanced, structured and theoretically based knowledge of the content of a given area of early childhood education		nie dotyczy		[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task		
	[PPWJ5_U05] The graduate has the skills enabling them to effectively use information and communication technologies in the implementation of teaching tasks		nie dotyczy		[SU4] test/exam - oral or written [SU5] implementation of a problem task [SU8] observation of student's independent or team work		
Subject contents	nie dotyczy						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
			51.0%		75.0%		
			51.0%		25.0%		
Recommended reading	Basic literature		nie dotyczy				

	Supplementary literature	nie dotyczy
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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