

Subject card

Subject name and code	Early mathematical education, PG_00149419						
Field of study	Pre-school and Early School Education						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
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	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		4.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Division of Research on Childhood and School -> Institute of Education -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Patrycja Brudzińska				
	Teachers						
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		0.0		70.0	100
Subject objectives	nie dotyczy						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[PPWJ5_U04] The graduate has the skills enabling them to select, create, test and modify materials, resources and methods adequate to the purposes of upbringing and education	nie dotyczy	[SU5] implementation of a problem task
	[PPWJ5_U02] The graduate has the skills enabling them to identify the needs, capabilities and talents of children or learners, design and conduct pedagogical activities, as well as plan, implement and evaluate personalised education and upbringing programs.	nie dotyczy	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work [SU5] implementation of a problem task
	[PPWJ5_U07] The graduate has the skills enabling them to develop key competences of children or learners, in particular creativity, critical reflection and the ability to solve problems independently and in teams	nie dotyczy	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report
	[PPWJ5_U03] The graduate has the skills enabling them to use various ways of organising the learning and teaching environment in everyday educational practice, taking into account the specific needs and capabilities of individual children or learners and the group	nie dotyczy	[SU1] oral statement/conversation/discussion [SU5] implementation of a problem task
	[PPWJ5_K03] The graduate has social competences enabling them to build relationships of mutual trust between all entities in the upbringing and education process, including parents or guardians of a child or learner, and involve them in activities conducive to educational effectiveness	nie dotyczy	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report
	[PPWJ5_U06] The graduate has the skills enabling them to identify and arouse the interests of children or learners and appropriately adapt the methods and content of education	nie dotyczy	[SU1] oral statement/conversation/discussion [SU5] implementation of a problem task
Subject contents	nie dotyczy		
Prerequisites and co-requisites	nie dotyczy		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	nie dotyczy	51.0%	33.0%
	nie dotyczy	51.0%	33.0%
	nie dotyczy	51.0%	34.0%
Recommended reading	Basic literature	nie dotyczy	
	Supplementary literature	nie dotyczy	
	eResources addresses		
Example issues/ example questions/ tasks being completed	nie dotyczy		
Work placement	Not applicable		

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