University of Gdańsk

Subject card

Subject name and code	Mathematical Knowledge for Early Education, PG_00206765		
Field of study	Pre-school and Early School Education		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	uniform Master's studies	Subject group	Obligatory subject group in the field of study Subject group related to scientific research 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		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	30.0	0.0	0.0	0.0	45

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	45	0.0	55.0	100

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_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
[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

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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