University of Gdańsk

Subject card

Subject name and code	Practical Teaching of Mathematics 2 in Elementary School, PG_00204265						
Field of study	Mathematics						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2028/2029			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Optional subject group 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	3		Language of instruction	Polish			
Semester of study	6		ECTS credits	4.0			
Learning profile	academic		Assessment form	credit			
Conducting unit	Institute of Mathematics -> Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Elżbieta Mrożek				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	60.0	0.0	0.0	0.0	60
	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	60		1.0		39.0	100
Subject objectives	The aim of the internship is to gather experience related to the didactic and educational work of a teacher and to confront the acquired knowledge in the field of mathematics didactics with the pedagogical reality in practical activities.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
		The student knows and understands: the teaching tasks carried out by a school or educational institution; the functioning and organization of teaching work at a school or educational institution; the types of documentation of teaching activities conducted at a school or educational institution.	[SW2] presentation/project/paper/ report
	[MATL3_K03] is ready to perform professional roles responsibly, to compliance with the rules of professional ethics and to require the same from others, as well as to care for the achievements and traditions of professions related to the field of mathematics	He is ready to take on the role of a school teacher responsibly and act ethically towards students.	[SK7] entries and opinions in the internship diary
	[MATL3_K01] is ready to acquire knowledge in order to solve cognitive and practical problems related to the field of mathematics and to use the opinions and assistance of experts	Is ready to acquire the knowledge needed for school teaching and to use the assistance of a practice supervisor.	[SK2] presentation/project/paper/ report
		The student is ready to: effectively collaborate with the internship supervisor and teachers to expand their teaching knowledge and develop their educational skills.	[SK6] demonstration of practical skills [SK7] entries and opinions in the internship diary
		The student is able to: draw conclusions from observing the teacher's teaching, their interactions with students, and the way teaching is planned and conducted; actively observe the teacher's methods and work formats, the teaching aids used, as well as the methods of assessing students and assigning and checking homework; plan and conduct a series of lessons or activities under the supervision of the internship supervisor; analyze, with the assistance of the internship supervisor and academic teachers conducting classes in the field of psychological and pedagogical preparation, pedagogical situations and events observed or experienced during the internship. The student is ready to: effectively collaborate with the internship supervisor and teachers to expand their teaching knowledge and develop their educational skills.	[SU6] demonstration of practical skills [SU7] entries and opinions in the internship diary
	[MATL3_K02] is ready to critically evaluate the knowledge and content received and to seek expert opinion in case of difficulties in solving a problem by himself/herself	Is ready to critically evaluate his/her knowledge and to seek the opinion of the internship supervisor when solving school problems.	[SK7] entries and opinions in the internship diary
Subject contents	1. Organization of the mathematics teaching process in primary school, the way the school functions and the documentation kept. 2. Interpersonal and social communication processes in the classroom. 3. Various methods of work in the classroom, including individual student work and team work. 4. Application of demonstrative means in teaching. 5. Problems of monitoring and assessing students' work. 6. Planning lessons. Conducting lessons based on independently developed scenarios. 7. Working with students with special educational needs. 8. Documenting practice. Analyzing lessons conducted and achieving intended goals.		

<table>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
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<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>internship journal</td><td>51.0%</td><td>20.0%</td></tr>
<tr><td>opinion of the internship supervisor</td><td>51.0%</td><td>80.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>1. Core curriculum, curricula, methodological guides and other materials for teachers. 2. School textbooks, exercise books, collections of tasks and other materials for students. 3. Documentation kept by the school where the internship takes place.</td></tr>
<tr><td>Supplementary literature</td><td>not applicable</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>not applicable</td></tr>
<tr><td>Work placement</td><td>Field exercises</td></tr>
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