University of Gdańsk

Subject card

Subject name and code	Practical Teaching of Mathematics 2, PG_00207047		
Field of study	Mathematics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Optional subject group
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	2.0
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 hab. Tomasz Człapiński, prof. UG	
	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	20.0	50

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 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
	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

Subject contents

1. Organization of the mathematics teaching process in 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 work of the student and in a team.
4. Application of demonstrative means in teaching.
5. Problems of monitoring and assessing students' work.
6. Lesson planning. Conducting lessons based on independently developed scenarios.
7. Working with a student with special educational needs.
8. Documenting practice. Analyzing conducted lessons and the implementation of intended goals.

Prerequisites and co-requisites

N/A

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Internship journal	51.0%	20.0%
Opinion of the internship supervisor	51.0%	80.0%

Recommended reading	Basic literature	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.
	Supplementary literature	1. Magazines for mathematics teachers (e.g. ,,Matematyka", ,,Matematyka w Szkole", ,,Nauczyciel i Matematyka").
	eResources addresses	
Example issues/ example questions/ tasks being completed	not included	
Work placement	Not applicable	

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