



Subject card

Subject name and code	Diploma seminar, PG_00030019						
Field of study	Mathematics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	second-cycle studies		Subject group		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	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Faculty Of Applied Physics And Mathematics -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	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		5.0		15.0	50
Subject objectives	Two main aims: a) presentation of partial results concerning students' theses and their subjects b) preparation to the diploma exam by presentation and discussion of answers to exam questions						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U08] in a selected field, examines evidence, in which also can use tools from other branches of mathematics,		presentation of some proofs from the subject of thesis		[SU5] Assessment of ability to present the results of task		
	[K7_U01] has the ability to construct mathematical reasoning, proving theorems and refuting hypotheses		presentation of examples to illustrate results of the thesis		[SU5] Assessment of ability to present the results of task		
	[K7_K01] acknowledges the limitations of one's own knowledge and understands the need for further education, independently searches for information in literature, also in foreign languages		presentation of some answers to the exam subjects		[SK4] Assessment of communication skills, including language correctness		
Subject contents	Exam subjects: general and special Topics of diploma theses of participants						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	students presentations		50.0%		100.0%		

Recommended reading	Basic literature	Literature depends on students topics
	Supplementary literature	1. files prepared by older students concerning exam subjects 2. lecture notes 3. L. A. Steen (ed.), Mathematics Today, Springer, 1979
	eResources addresses	Adresy na platformie eNauczenie:
Example issues/ example questions/ tasks being completed	Notion of Banach space Notion of Hilbert space	
Work placement	Not applicable	

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