



## Subject card

Subject name and code	Diploma Seminar (DA), PG_00044145						
Field of study	Mathematics						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
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						
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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