



## Subject card

Subject name and code	Seminar (DA), PG_00044143						
Field of study	Mathematics						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2023/2024		
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	3	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	dr hab. Zdzisław Dzedzej					
	Teachers	dr hab. Zdzisław Dzedzej					
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	<p>The aim of the seminar is to introduce students with the issues that may be the basis and the subject of master's theses related to the specialization. Each student should form an opinion on their own choice. In particular, after about four weeks, the topic should be finally chosen.</p> <p>Another purpose is to review the exam questions and discuss the scope of the diploma examination.</p> <p>After two weeks of introduction by the tutor, students give two talks - one on exam questions, the other on their master's thesis.</p>						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K7_U01	He synthesizes knowledge in the field of mathematics and applies it in modeling real phenomena.  He communicates his knowledge to others in a clear and clear way, and listens to and understands what others present.			[SU5] Assessment of ability to present the results of task		
	K7_K01	The student searches for sources in Polish and English by himself and studies them with understanding.			[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness		
	K7_U10	The student presents an outline of the subject of his thesis, presents the goals he wants to achieve and the means of achieving these goals (theorems, sketches of the proofs, programs that he intends to use)			[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task		

Subject contents	<p>The content of the course is interdisciplinary and depends on the interests of students. Their final selection is focused on the subject of the master's thesis.</p> <p>Students prepare talks concerning the exam questions and based on content taken from the Internet or from already completed courses, in which they present the issues on the basis of which the final topic of the work will emerge.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	2-3 presentations	50.0%	100.0%
Recommended reading	Basic literature	Literature individually tailored to the topics of MA theses.	
	Supplementary literature	None	
	eResources addresses	Adresy na platformie eNauczenie: Seminarium MF AD 23/24 - Moodle ID: 33332 <a href="https://enauczenie.pg.edu.pl/moodle/course/view.php?id=33332">https://enauczenie.pg.edu.pl/moodle/course/view.php?id=33332</a>	
Example issues/ example questions/ tasks being completed	None		
Work placement	Not applicable		