



Subject card

Subject name and code	Specialization project, PG_00049173						
Field of study	Mathematics						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2024/2025		
Education level	first-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	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		8.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Institute of Applied Mathematics -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Robert Krawczyk				
	Teachers		dr inż. Robert Krawczyk				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	60.0	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		10.0		130.0	200
Subject objectives	Group project under the direction of an academic teacher- topics are related to study speciality						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_K01		selfcriticity		[SK5] Assessment of ability to solve problems that arise in practice		
	K6_K04		project presentation		[SK4] Assessment of communication skills, including language correctness		
	K6_K02		project summary-redaction		[SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice		
	K6_W04		practical application of knowledge from the studies		[SW3] Assessment of knowledge contained in written work and projects		
	K6_W05		discussion about mathematical tools		[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Group projects of different character relate to speciality and advisors.						
	Every year proposals are presented to students a month before the start of semester. Students proposals are also accepted.						
	A cooperation with broad neighbourhood is preferred, e.g. with schools.						
Prerequisites and co-requisites	no						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project evaluation	50.0%	100.0%
Recommended reading	Basic literature	Advisors propose literature devoted to projects	
	Supplementary literature	as above	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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