

Subject card

Subject name and code	Computer Programming, PG_00154111						
Field of study	Medical Physics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
Education level	Bachelor'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	1		Language of instruction		Polish no aplicable		
Semester of study	1		ECTS credits		2.0		
Learning profile	academic		Assessment form				
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Krzysztof Dorywalski				
	Teachers		dr inż. Krzysztof Dorywalski				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	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		30.0	60
Subject objectives	no aplicable						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FIZMEDL3_W11] knows the basics of numerical analysis, knows at least one package for symbolic calculations at a basic level, knows basic application software packages for the presentation of results and data analysis; knows the basics of programming and software engineering	no aplicable	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[FIZMEDL3_W02] understands the role of physical experiment, mathematical theoretical models approximating reality and computer simulations in the methodology of scientific research; is aware of technological, apparatus and methodological limitations in scientific research	no aplicable	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[FIZMEDL3_K01] knows the limitations of his own knowledge and understands the need for further education	no aplicable	[SK2] presentation/project/paper/report [SK5] implementation of a problem task [SK6] demonstration of practical skills [SK8] observation of student's independent or team work
	[FIZMEDL3_U12] is able to compile, run, test and document a computer program written independently	no aplicable	[SU2] presentation/project/paper/report [SU5] implementation of a problem task [SU6] demonstration of practical skills [SU8] observation of student's independent or team work
Subject contents	no aplicable		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	no aplicable	51.0%	20.0%
	no aplicable	51.0%	80.0%
Recommended reading	Basic literature	no aplicable	
	Supplementary literature	no aplicable	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	no aplicable		
Work placement	Not applicable		

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