

Subject card

Subject name and code	Linear algebra, PG_00155875						
Field of study	Medical Physics						
Date of commencement of studies	October 2024		Academic year of realisation of subject			2024/2025	
Education level	undergraduate studies		Subject group			Obligatory subject group in the field of study	
Mode of study	full-time studies		Mode of delivery			at the university	
Year of study	1		Language of instruction			Polish not applicable	
Semester of study	2		ECTS credits			5.0	
Learning profile	academic		Assessment form				
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rektor						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Adam Rutkowski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	15.0	0.0	0.0	75
	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	75		0.0		50.0	125
Subject objectives	not applicable						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[FIZMEDL3_U08] is able to use mathematical apparatus and numerical methods to describe and model physical phenomena and processes		not applicable			[SU3] text preparation/written work [SU4] test/exam - oral or written	
	[FIZMEDL3_K01] knows the limitations of his own knowledge and understands the need for further education		not applicable			[SK3] text preparation/written work [SK4] test/exam - oral or written	
	[FIZMEDL3_W04] knows the basic techniques of higher mathematics, including differential and integral calculus of functions of one and many variables, and the basics of algebra to the extent necessary to describe physical phenomena and solve physical problems		not applicable			[SW4] test/exam - oral or written [SW3] text preparation/written work	
Subject contents	not applicable						
Prerequisites and co-requisites	not applicable						
Assessment methods and criteria	Subject passing criteria		Passing threshold			Percentage of the final grade	
	not applicable		51.0%			45.0%	
	not applicable		51.0%			10.0%	
	not applicable		0.0%			5.0%	
	not applicable		51.0%			40.0%	

Recommended reading	Basic literature	not applicable
	Supplementary literature	not applicable
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	not applicable	
Work placement	Not applicable	

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