

Subject card

Subject name and code	Foundation Course to Practice in Health Care System Units, PG_00182161						
Field of study	Medical Physics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's 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	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Małgorzata Grzywińska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	0.0	0.0	0.0	0.0	20
	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	20		0.0		30.0	50
Subject objectives	Knowledge of safety principles and conditions within healthcare facilities.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FIZMEDL3_K06] He is ready to think and act in an entrepreneurial manner.	After completing the course, the student is ready to critically analyse the operating principles of healthcare facilities (ZOZ) and safety procedures to identify opportunities for optimising work processes and minimising risk.	[SK5] implementation of a problem task
	[FIZMEDL3_K04] He is ready to responsibly perform professional roles by adhering to professional ethics, caring for the well-being of the patient, observing doctor-patient confidentiality and patient rights, and appreciating the importance of intellectual honesty in his own and others' actions.	Shows professionalism in action by respecting the principles of professional ethics, the patient's well-being, and by observing medical confidentiality and patient rights. They are aware of the importance of intellectual honesty in the process of acquiring and using knowledge. They can adequately assess their own and others' actions from an ethical and legal standpoint.	[SK5] implementation of a problem task
	[FIZMEDL3_K01] He is ready for a critical evaluation of his own knowledge and the information he receives, and understands the need for further education and for improving professional and personal competencies.	The student adheres to safety principles in healthcare facilities, maintains caution in crises, and strives to mitigate them through continuous learning and environmental observation.	[SK5] implementation of a problem task
	[FIZMEDL3_U06] Can present in an accessible way the latest achievements in the field of medical physics, the principles of operation of diagnostic and therapeutic equipment and the principles of radiation protection.	The student can clearly and accessibly present safety principles and procedures in medical facilities, including radiation protection rules and the correct handling of equipment. He or she can precisely describe the operating principles of diagnostic and therapeutic equipment that they'll encounter during their internship, based on their knowledge of operating manuals and safety procedures.	[SU5] implementation of a problem task
	[FIZMEDL3_K03] He is ready to initiate actions for the benefit of the social environment, stemming from an understanding of the practical and ethical aspects of his acquired knowledge and skills, as well as the responsibilities associated with them.	The student: Is ready to initiate actions to improve workplace safety in medical facilities, based on knowledge of applicable regulations, procedures, and equipment operating instructions. Assumes responsibility for their own safety and that of others, which is crucial in teamwork and in direct contact with patients. Demonstrates awareness of the ethical aspects related to the safe performance of tasks, keeping in mind the patient's well-being and the integrity of the procedures. Is prepared to share their knowledge of safe work principles with others, contributing to raising awareness in the professional environment.	[SK5] implementation of a problem task
Subject contents	Principles of healthcare facility operations, workplace safety conditions within units, regulations and procedures ensuring safe task execution, and instrument operating instructions.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	implementation of a problem task	51.0%	100.0%
Recommended reading	Basic literature	not applicable	
	Supplementary literature	not applicable	
	eResources addresses		
Example issues/ example questions/ tasks being completed	not applicable		
Work placement	Not applicable		

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