

Subject card

Subject name and code	, PG_00155919						
Field of study	Nuclear safety and radiological protection						
Date of commencement of studies	October 2024		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	3		Language of instruction		Polish not applicable		
Semester of study	6		ECTS credits		4.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Anna Synak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	120.0	0.0	0.0	0.0	120
	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	120		0.0		0.0	120
Subject objectives	The aim of the internship is to familiarize students of Nuclear Safety and Radiological Protection with work carried out in scientific institutions, research units, and enterprises operating in fields related to their professional competencies, including nuclear safety policy, radiological protection, regulatory supervision, and the control of the trade and use of radioactive materials and ionizing radiation. The internship is intended to develop practical skills that are valuable for future professional careers and to introduce students to employment opportunities available in the labor market. It allowing students to become acquainted with the organizational structure of the host institution. During the internship, students observe the work of experienced professionals and carry out tasks assigned by their internship supervisor. They expand the knowledge acquired during their studies by learning how to apply theoretical concepts in practical situations. In addition, they develop the ability to perform assigned duties independently and responsibly while gaining hands-on experience in a professional environment.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BJORL3_K04] Understands and appreciates the importance of legal aspects of conducting research and intellectual honesty	The student understands the importance of complying with legal regulations and internal procedures applicable in research institutions, medical facilities, and industrial organizations where the internship is carried out. The student recognizes the importance of intellectual honesty, integrity, and responsibility in the performance of assigned tasks, as well as in the reporting and presentation of work results. The student respects the principles of intellectual property protection and data confidentiality and is aware of the legal and ethical consequences of violating these principles.	[SK2] presentation/project/paper/report
	[BJORL3_W11] knows the general principles of creation and development of forms of individual entrepreneurship, using knowledge of radiological protection and nuclear safety	The student is familiar with practical applications of knowledge in the field of Nuclear Safety and Radiological Protection in professional settings, including research institutions, medical facilities, and industrial organizations. The student understands the specific nature of the operation of these entities, their organizational structure, and their role in ensuring safety and protection against ionizing radiation. The student is also familiar with the basic forms of individual entrepreneurship in the field of Nuclear Safety and Radiological Protection and understands their potential for development in response to market needs, innovation, and the transfer of knowledge into practice. Furthermore, the student is able to identify potential areas of business activity related to the applications of ionizing radiation.	[SW2] presentation/project/paper/report
	[BJORL3_K03] Is aware of and understands the social aspects of the practical application of acquired knowledge and skills and the associated responsibility	The student is aware of the social responsibility associated with the practical application of knowledge in the field of Nuclear Safety and Radiological Protection, particularly with regard to the protection of human health and the environment. The student understands the importance of continuous learning and professional development in the field of Nuclear Safety and Radiological Protection. The student is able to cooperate effectively with various stakeholder groups, express their own opinions in a responsible manner, and respect the views and perspectives of others.	[SK2] presentation/project/paper/report [SK8] observation of student's independent or team work

Subject contents	• familiarization with the organizational structure, scope of activities, and work organization of the institution where the internship takes place. • substantive introduction to tasks related to the field of Nuclear Safety and Radiological Protection. • learning about the tools, methods, and procedures used at the workplace. • observation of and/or participation in ongoing research projects. • performing basic individual and team tasks under the supervision of the internship supervisor, including reporting the results. • carrying out other duties and tasks assigned by the internship supervisor.		
Prerequisites and co-requisites	BHP		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	report, attendance	51.0%	100.0%
Recommended reading	Basic literature	recommended by the internship supervisor	
	Supplementary literature	recommended by the internship supervisor	
	eResources addresses		
Example issues/ example questions/ tasks being completed	not applicable		
Work placement	Not applicable		

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