

Subject card

Subject name and code	Professional traineeship, PG_00080892						
Field of study	Chemical Business						
Date of commencement of studies	February 2027		Academic year of realisation of subject			2027/2028	
Education level	Master's studies		Subject group			Obligatory subject group in the field of study 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	2		Language of instruction			Polish	
Semester of study	3		ECTS credits			5.0	
Learning profile	academic		Assessment form			credit	
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Beata Bajorowicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	80.0	0.0	0.0	0.0	80
	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	80		1.0		44.0	125
Subject objectives	• understanding the principles of workplace operation (technology, materials and water-waste management, quality control, etc.), • learning the duties and responsibilities of individuals at various levels in the management hierarchy, • understanding the occupational health and safety regulations in force at the given unit, • recognizing and understanding the need for diligent and honest fulfillment of one's duties, • recognizing and understanding the necessity of rational management of raw materials, products, and chemicals as demonstrated by the unit where the practice takes place.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BCHMU2_K01] Is willing to develop and disseminate appropriate best practices at and outside the workplace.	The student deeply creates and promotes appropriate standards of behavior, ethical practices, and effective work methods in their workplace.	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[BCHMU2_W07] Knows and understands legal and economic systems of organization and management of human resources, patent information and intellectual property resources related to the chemical industry and other sectors of the economy.	The student thoroughly describes the responsibilities of individuals working at various levels within the management hierarchy.	[SW1] oral statement/conversation/discussion
	[BCHMU2_W06] Knows and understands tasks in the field of chemistry, environmental protection and economics that are the subject of human activity to the extent that allows independent work on a research, scientific and measuring position.	The student thoroughly outlines the scope of activities of a given workplace and the implementation of sustainable development principles in the workplace.	[SW1] oral statement/conversation/discussion
	[BCHMU2_K06] Is willing to initiate, promote and organise various social commitments aimed at developing the public interest.	The student has the ability and willingness to take actions that can contribute to the development of the community or society.	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[BCHMU2_W08] Knows and understands the basic principles of creating, functioning and developing various forms of entrepreneurship, with particular emphasis on the chemical industry.	The student thoroughly outlines the scope of activities of a given workplace.	[SW1] oral statement/conversation/discussion
	[BCHMU2_U06] Is able to critically analyse experimental data by numerical and statistical methods using IT techniques and tools.	The student thoroughly prepares documentation of conducted research work.	[SU7] entries and opinions in the internship diary
Subject contents	Detailed contents depending on the place of professional internship. These may include, among others: familiarization with the area of operation of a given facility, production technology, locations of waste generation and methods of their management and disposal, wastewater management and wastewater treatment technology, quality control, duties and principles of operation of analytical laboratories, sampling and storage of analysis material, methods of analysis performed, legal regulations concerning the trade and safety of working with chemicals, facility duties related to environmental protection, laws concerning various areas of environmental protection, energy management, forest resource protection.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	The grade issued by the workplace	51.0%	50.0%
	The grade for the quality of the prepared documentation	51.0%	50.0%
Recommended reading	Basic literature	Literature provided by the workplace.	
	Supplementary literature	no	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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