

Subject card

Subject name and code	Proffesional traineeship, PG_00103578						
Field of study	Environmental Protection						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2028/2029		
Education level	Bachelor'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	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		6.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Laboratory of Advanced Oxidation Processes -> Department of General and Inorganic Chemistry -> Faculty of Chemistry -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Ewa Siedlecka				
	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		5.0		25.0	150
Subject objectives	learning about the principles of functioning of the workplace, learning about duties and responsibilities, learning about the principles of occupational health and safety, the ability to use legal regulations that form the basis for the functioning of the workplace, learning about and understanding the need for reliable and honest fulfillment of one's duties, learning about and understanding the need for rational management of raw materials, products, chemicals						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[OŚL3_K10] Identifies and sees dilemmas related to pursuing future career.	- Understanding the need for the unit to function by the principle of sustainable development	[SK7] entries and opinions in the internship diary
	[OŚL3_K01] Behaves in a professional manner at all times; bears full responsibility for the actions taken relating to the protection of the environment and respects the principles of professional ethics and principles of intellectual honesty.	- understands the need to fulfil one's duties at every job position reliably - describes ways of implementing the principles of sustainable development in the plant	[SK7] entries and opinions in the internship diary
	[OŚL3_K08] Is responsible for and takes care of the specialist equipment entrusted to her/him for research and laboratory or field work.	understands the need to reliably perform one's duties at each job position	[SK7] entries and opinions in the internship diary
	[OŚL3_K05] Identifies the level of her/his knowledge and skills, demonstrates the need to update knowledge about the environment and its protection, demonstrates the need for continuous professional training and personal development.	- prepares documentation of tasks performed during the internship - uses understandable language in writing - lists the tasks and responsibilities of the workplace in the field of analytics, technology, environmental protection	[SK7] entries and opinions in the internship diary
	[OŚL3_U03] Independently plans and develops her/his own lifelong learning.	understands the need for self-education throughout the entire period of professional activity	[SU7] entries and opinions in the internship diary
	[OŚL3_U13] Assesses the performance of tasks.	assesses the quality of the task she/he has performed	[SU7] entries and opinions in the internship diary
	[OŚL3_K03] Independently sets or implements a set action plan specifying priorities for its implementation; critically assesses its progress.	uses theoretical and practical knowledge acquired at the university while performing the tasks assigned to him	[SK7] entries and opinions in the internship diary
	[OŚL3_K04] Demonstrates responsibility for the safety of her/his own and others' work and for the workplace, and correctly follows the rules of conduct in emergencies.	- takes responsibility for independently performing assigned tasks - works in a team	[SK7] entries and opinions in the internship diary
[OŚL3_W13] Defines the basic principles of occupational safety, ergonomics and hygiene.	- defines the principles of occupational safety in a given plant - lists the responsibilities of people working at different levels in the unit's management hierarchy	[SW1] oral statement/ conversation/discussion	
Subject contents	Detailed content depends on the place of professional practice. They may include, among others: familiarization with the area of activity of a given plant, production technology, places where waste is generated and methods of its management and disposal, water and sewage management and sewage treatment technology, quality control, obligations and principles of operation of analytical laboratories, collection and storage of material for analysis, methodologies of performed analyses, legal regulations concerning trade and safety of work with chemicals, obligations of the plant related to environmental protection, various areas of environmental protection law, energy management, protection of forest resources.		
Prerequisites and co-requisites	general knowledge of chemistry		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	assessment of the internship supervisor from UG	51.0%	50.0%
	assessment of the internship supervisor at the workplace	51.0%	50.0%
Recommended reading	Basic literature	provided by the internship supervisor on behalf of the company	
	Supplementary literature	provided by the internship supervisor on behalf of the company	
	eResources addresses		
Example issues/ example questions/ tasks being completed	description of sewage treatment technology in the municipal sewage treatment plant, description of parameters (sizes, units) important for the quality of surface water, organization scheme of the functioning and tasks of RDOŚ, WIOŚ, etc. discussion of legal regulations and administrative proceedings concerning tree felling, description of educational tasks implemented as part of ecological education		
Work placement	Not applicable		

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