University of Gdańsk

Subject card

Subject name and code	Professional traineeship, PG_00080740		
Field of study	Chemical Business		
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 Optional subject group
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	4.0
Learning profile	academic	Assessment form	credit
Conducting unit	Faculty of Chemistry -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Joanna Nadolna	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	75.0	0.0	0.0	0.0	75

E-learning hours included: 0.0

Additional information:
practical classes

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	2.0	23.0	100

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
[BCHINŻ_K05] Is convinced of the importance of behaving in a professional manner in every situation, taking full responsibility in the field of engineering activities and their impact on the natural environment and compliance with the principles of professional ethics.	The student takes responsibility for independently completing the tasks assigned to them.	[SK1] oral statement/conversation/ discussion
[BCHINŻ_K01] Identifies the level of her/his own knowledge and skills as well as the need to update engineering knowledge, continuous professional training and personal development.	The student understands the need for deepening engineering knowledge as well as personal development.	[SK1] oral statement/conversation/ discussion
[BCHINŻ_U05] Evaluates the usefulness and functioning of existing engineering and technical solutions as well as research and measurement methods in the chemical industry.	The student utilizes theoretical and practical knowledge acquired at the university while performing assigned tasks.	[SU1] oral statement/conversation/ discussion
[BCHINŻ_W06] Enumerates basic unit processes and describes issues in the field of technology and chemical engineering.	The student can identify and name various unit processes, which are fundamental operations used in the industry.	[SW1] oral statement/ conversation/discussion
[BCHINŻ_U03] Plans, selects the appropriate research and measuring equipment and performs simple chemical experiments; analyses the results and draws conclusions based on them.	The student prepares documentation of conducted research work.	[SU7] entries and opinions in the internship diary
[BCHINŻ_W07] Describes the construction and operating principles of basic scientific, technological and control-measuring apparatus.	The student describes the construction and operation principle of the equipment used in the industrial plant.	[SW1] oral statement/ conversation/discussion

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	Documentation provided by the workplace department.
Supplementary literature	no
eResources addresses	

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

Document generated electronically. Does not require a seal or signature.