University of Gdańsk

Subject card

Subject name and code	Professional traineeship, PG_00082492		
Field of study	Chemistry		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	postgraduate 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	2	Language of instruction	Polish
Semester of study	4	ECTS credits	4.0
Learning profile	academic	Assessment form	
Conducting unit	Pracownia Chemii Cukrów -> Katedra Chemii Organicznej -> Faculty of Chemistry		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Justyna Samaszko-Fiertek	
	Teachers	dr hab. Aleksandra Dąbrowska	

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	2.0	18.0	100

Subject objectives

1. Familiarizing the student with the functioning of the workplace/enterprise/institution where the internship takes place.

2. Providing knowledge on the specifics of work in a position corresponding to the field of study.

3. Developing the ability to use specialized and specialist knowledge in professional work.

4. Introducing the student to work in accordance with the provisions of labor law and IBP applicable in a given workplace.

5. Improving the ability to recognize, diagnose and solve professional problems and develop personal characteristics (including responsibility, ethical behavior).

Learning outcomes

Course outcome	Subject outcome	Method of verification
[CHEMMU2_W11] Demonstrates general knowledge about the current trends in the development of chemistry as a science and the latest discoveries in this field.	Is able to search, select and use available materials and information needed to carry out tasks in institutions related to the selected sphere of cultural, administrative or business activity; in sources in Polish and English and using modern technologies.	[SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
[CHEMMU2_K04] Correctly identifies and resolves dilemmas related to the profession of a chemist.	Identifies the principles and basic problems of the functioning of an institution (workplace, company, enterprise) and recognizes the influence of the immediate and distant environment on the functioning of the institution (enterprise) in which he/she carries out practice.	[SK5] implementation of a problem task [SK6] demonstration of practical skills [SK7] entries and opinions in the internship diary [SK8] observation of student's independent or team work
[CHEMMU2_W15] Formulates general principles for creating and developing selected forms of individual entrepreneurship enabling the use of knowledge coming from science.	Student has basic knowledge of standards, procedures and exemplary behaviors related to the selected sphere of activity.	[SW1] oral statement/ conversation/discussion
[CHEMMU2_K06] Undertakes research tasks consciously and responsibly, understanding the social aspects of the practical application of the acquired knowledge and skills and the responsibility related to it.	In consultation with the internship supervisor, plans and implements typical projects related to a selected sphere of cultural, administrative or business activity.	[SK5] implementation of a problem task [SK6] demonstration of practical skills [SK7] entries and opinions in the internship diary
[CHEMMU2_W12] Knows the principles of occupational health and safety to the extent that allows independent work on a research and/or measurement position.	Student possesses basic knowledge of occupational health and safety in institutions related to the selected sphere of cultural, administrative or business activity.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[CHEMMU2_K02] Works in a team taking on various roles in it.	The student learns the tools and methods of organizing work.	[SK6] demonstration of practical skills
[CHEMMU2_U02] Critically assesses the results of conducted, performed observations and theoretical calculations and discusses errors.	The student becomes convinced of the necessity of constantly supplementing their knowledge.	[SU5] implementation of a problem task [SU7] entries and opinions in the internship diary [SU8] observation of student's independent or team work

Subject contents

Introduction of activity range of respective institution and organization of executed tasks in regard to knowledge and skills connected to science.

Law conditioning and OSH and fire precaution rules as basic legal framework of the job.

Constant improvement of knowledge and proffesional qualifications as a condition of finding oneself on a job market.

- Responsibility for own work and work of teammates and functions taken for task realization - as a leader or part of the team

Prerequisites and co-requisites

A. Formal requirementsPreparation of respective practice documentation and fulfilment of its formal demands. InsuranceB. PrerequisitesPassing of specialization classes which are substantively connected with the content of practice programme, indicating possesion of basic chemical knowledge and respective skills in analysing and interpretation of natural phenomena in practical use.

<table>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Practice journal, report</td><td>51.0%</td><td>50.0%</td></tr>
<tr><td>Assessment by the internship supervisor</td><td>51.0%</td><td>50.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>Literature required to pass the course Legal basis of internships

Regulations, organization and goals of apprenticeships

Professional practice program for engineering studies

Extracurricular readings</td></tr>
<tr><td>Supplementary literature</td><td>Work regulations applicable at the workplace.Occupational health and safety regulations applicable at the workplace. Workplace instructions.</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2"></td></tr>
<tr><td>Work placement</td><td colspan="2">Not applicable</td></tr>
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