University of Gdańsk

Subject card

Subject name and code	Work placement, PG_00206790		
Field of study	Biology		
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
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	5	ECTS credits	4.0
Learning profile	academic	Assessment form	credit
Conducting unit	Laboratory of Freshwater Ecology -> Department of Plant Ecology -> Faculty of Biology -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Rafał Chmara	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	6.0	90.0	0.0	0.0	96

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	96	0.0	4.0	100

Subject objectives

1. getting to know the specifics of work in various positions,

2. formation of specific professional skills directly related to the place of practice,

3. improving the ability to organize their own work, teamwork, effective time management, conscientiousness, responsibility for assigned tasks,

4. learning about one's own opportunities in the labor market, establishing professional contacts, allowing to use them when looking for a job.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOLL3_K01] is ready to critically evaluate her/his biological knowledge and continuously update and develop it, taking into account scientific advances and the needs of practice	The student is aware of the limits of their knowledge, recognises the need to broaden their knowledge, and is open to new concepts and methods in the biological sciences	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK7] entries and opinions in the internship diary
[BIOLL3_K02] is ready to take care for her/his own safety and that of others, identifying threats and taking appropriate action, as well as use verified equipment and materials responsibly, ensuring their proper use	The student ensures their own safety and that of others, correctly identifies and assesses risks, and takes responsibility for equipment and materials	[SK7] entries and opinions in the internship diary
[BIOLL3_K03] is ready to rationally manage verified resources and use biological knowledge to plan and implement professional activities in an entrepreneurial manner	The student makes sensible use of the resources entrusted to them and is able to carry out the professional tasks assigned to them in an enterprising and innovative way	[SK2] presentation/project/paper/ report [SK7] entries and opinions in the internship diary
[BIOLL3_K04] is ready to apply the principles of bioethics, scientific integrity and honesty, including the proper handling of biological material and respect for intellectual property	The student is responsible for completing the task, adheres to the principles of teamwork, handles biological material correctly, and respects intellectual property	[SK7] entries and opinions in the internship diary
[BIOLL3_K05] is ready to perform professional roles responsibly, both individually and in teams, including organizing the work of small teams and taking joint responsibility for the implementation of assigned tasks and the results achieved.	The student is able to independently assess the level of safety and identify hazardous situations at work	[SK7] entries and opinions in the internship diary

Subject contents

Laboratory analysis: Quantitative and qualitative chemical analysis, parameters of aqueous solutions, ionizing radiation, spectroscopic methods, chromatographic, electroanalytical methods, blood morphology, urinalysis, metabolic tests, hormone levels, parasite diagnosis, interpretation of the results obtained, etc.

Topics in biology, biotechnology and microbiology: Isolation, transplantation and gene transformation, molecular markers, genetic engineering, genome research, in vitro cultures, micromanipulation techniques, immunological techniques and tests, microbial identification, DNA immunity and mutations, viral infections, ecotoxicology, use of microorganisms in biotechnology, interpretation of obtained results, etc.

Natural and environmental issues: Geobotanical cartography, landscape functions, levels of biodiversity, ecological formations, trophic groups, plant identification, ornamental plants, introduction, mycorrhizae, mycotoxins, herbaceous raw materials, animal husbandry and embryology, ornamental birds, veterinary prevention and treatments, hunting management, etc.

Promoting and managing the environment: Legislation, EU-supported programs and projects, plant and animal protection, active conservation methods, indicator organisms, protection zones, quarantine, applied biotests, soil and environmental degradation indicators, landfilled waste, etc.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
apprenticeship assessment	51.0%	75.0%
auditory exercises	51.0%	25.0%

Recommended reading

Basic literature	Literature identified by the internship supervisor at the workplace
Supplementary literature	Literature identified by the internship supervisor at the workplace
eResources addresses	

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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