University of Gdańsk

Subject card

Subject name and code	Work experience, PG_00154668		
Field of study	Biology		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2027/2028
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_K09] The graduate will be able to use the knowledge acquired to plan and organise professional activities and to think and act in an entrepreneurial way	The student is able to use the acquired knowledge to plan the further development path.	[SK7] entries and opinions in the internship diary
[BIOLL3_K08] The graduate is ready to be honest, reliable and apply the principles of savoir-vivre in academic and professional work	The student is honest, systematic and cultured in academic and teaching work.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK7] entries and opinions in the internship diary
[BIOLL3_K05] The graduate is prepared to take responsibility for their own and others' safety at work and to recognise risk situations and take appropriate action	The student independently knows how to assess the level of safety and recognize hazardous situations at work.	[SK7] entries and opinions in the internship diary
[BIOLL3_K04] The graduate is ready to take responsibility for their own work and to follow the rules of teamwork and responsibility for shared tasks	The student is responsible for the performance of the task, maintains the principles of teamwork.	[SK7] entries and opinions in the internship diary
[BIOLL3_K02] The graduate is prepared to critically self-assess their own competences and to update and improve their knowledge and skills	The student updates and expands his knowledge of biology and methods of teaching biology	[SK7] entries and opinions in the internship diary
[BIOLL3_K01] The graduate is prepared to evaluate their own knowledge, understand the need for continuous learning and development, and is open to new ideas	The student knows his own limitations of knowledge, sees the need to expand his knowledge, is open to new concepts and methods of biological sciences	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [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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