University of Gdańsk

Subject card

Subject name and code	Practical Placement (laboratory), PG_00201333		
Field of study	Aquaculture – Business And Technology		
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 practical vocational preparation
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	practical	Assessment form	credit
Conducting unit	Laboratory of Aquaculture -> Department of Marine Biology and Biotechnology -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Marcin Kuciński	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	160.0	0.0	0.0	0.0	160

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	160	5.0	15.0	180

Subject objectives

1. Understanding the specifics of work in a laboratory studying cultured organisms.
2. Linking theoretical knowledge acquired during studies with its practical application in the laboratory analysis of aquaculture organisms.
3. Improving skills in organizing one's own work, teamwork, effective time management, and responsibility for assigned tasks in analytical laboratory conditions.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[AKWAL3-U14] can independently plan and initiate their lifelong learning	the student is able to plan and initiate the acquisition of knowledge in the field of his/her professional and non-professional interests	[SU1] oral statement/conversation/ discussion [SU8] observation of student's independent or team work
[AKWAL3_W08] knows and understands the principles of health and safety in the laboratory, at sea and on land	Students define basic principles of safety and hygiene during laboratory analyses	[SW2] presentation/project/paper/ report
[AKWAL3-K02] is ready to take responsibility for the work of the team and its safety; knows how to make decisions and how to act in different situations	Students are ready to take responsibility for the laboratory team's work, safety, can make decisions, and act in various situations	[SK7] entries and opinions in the internship diary
[AKWAL3-U01] can plan and perform simple tasks under supervision or independently in the analysis of the aquatic environment, using appropriate methods of description and identification	Students are able to plan and execute simple tasks under supervision and independently in laboratory analysis using appropriate methods of description and identification	[SU7] entries and opinions in the internship diary
[AKWAL3-U13] can independently organize their work and critically assess progress	Students are capable of independently organizing their work in laboratory conditions and critically evaluating the progress of their tasks	[SU7] entries and opinions in the internship diary

Subject contents

- Biochemistry/physiology of organisms cultured in aquaculture conditions,
- Genetics and reproduction of fish,
- Genetics and toxicology of aquatic invertebrates,
- Microbiology,
- Ecology,
- Phycology.

Prerequisites and co-requisites

Knowledge of basic laboratory-analytical techniques as well as aquaculture and biology of aquatic cultured organisms. The ability to obtain and secure materials for research.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Preparation and presentation of a report on the completed professional internship	51.0%	25.0%
Positive feedback on the internship experience, correctness, and completeness of the internship journal	51.0%	75.0%

Recommended reading

Basic literature	Protocols for laboratory analyses available in individual laboratories.
Supplementary literature	Other materials related to laboratory analyses available in individual laboratories. Articles on laboratory work, e.g., Aquaculture Research.
eResources addresses	

Example issues/ example questions/ tasks being completed

Not applicable

Work placement

Not applicable

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