

Subject card

Subject name and code	Practical placement I (spring), PG_00156221						
Field of study	Aquaculture – Business And Technology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	undergraduate studies		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		18.0		
Learning profile	practical		Assessment form				
Conducting unit	Pracownia Akwakultury -> Katedra Biologii Morza i Biotechnologii -> Faculty of Oceanography and Geography						
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	370.0	0.0	0.0	0.0	370
	E-learning hours included: 0.0						
	Additional information:						
	1. Active involvement in tasks related to the care of farmed organisms.						
2. Tasks related to the control and operation of breeding equipment.							
3. Addressing current issues related to the functioning of the facility.							
Activities outside UG's educational premises.							
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	370		50.0		10.0	430
Subject objectives	1. Understanding the specifics of work in a company producing aquatic cultured organisms.						
	2. Linking theoretical knowledge acquired during studies with its practical application.						
	3. Developing skills necessary for future work in a breeding center.						
	4. Improving skills in organizing one's own work, teamwork, effective time management, and responsibility for assigned tasks.						
	5. Establishing professional contacts to utilize when seeking employment.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[AKWAL3-K01] is ready to assess the risks and threats stemming from working in the laboratory and is responsible for the equipment and teaching materials entrusted to them and for the safety of their own work and that of others	Students are prepared to assess the risks and hazards associated with working in a breeding center and is responsible for the assigned equipment and teaching materials, as well as for their own safety and that of others	[SK7] entries and opinions in the internship diary
	[AKWAL3-U12] can interact and work in a group, and assume different roles	Students are able to cooperate and work in a group, assuming various roles	[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 and critically assessing the progress of their tasks	[SU7] entries and opinions in the internship diary
	[AKWAL3_W07] knows and understands the system of organization of work and management of teams in enterprises or scientific institutions	Students understand the system of organizing work and managing human teams in companies producing and processing fish and other aquatic organisms.	[SW2] presentation/project/paper/report
	[AKWAL3_W09] knows and understands the aquacultural activities that are the object of the plant / enterprise	Students understand the tasks related to aquaculture that are the subject of activities in breeding and processing companies	[SW2] presentation/project/paper/report
	[AKWAL3_W08] knows and understands the basic principles of health and safety in the laboratory, at sea and on land	Students know the basic principles of safety and hygiene in facilities producing and processing fish and other aquatic organisms.	[SW2] presentation/project/paper/report
	[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 perform simple tasks under supervision and independently regarding the analysis of the water environment in fish farming using appropriate methods of description and identification	[SU7] entries and opinions in the internship diary
	[AKWAL3-K06] is ready to think and act in an entrepreneurial manner in terms of actions taken, including social initiatives, cooperation for environmental sustainability and sustainable development	Students are prepared to think and act entrepreneurially in the actions undertaken, including social initiatives, collaboration for the preservation of ecological balance, and sustainable development of the aquaculture production sector	[SK7] entries and opinions in the internship diary
	[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 team work in fish production/processing centers, prioritizes safety, can make decisions, and act in various situations	[SK7] entries and opinions in the internship diary
	[AKWAL3-K05] student is ready to appreciate the practical application of acquired knowledge	The students are ready to appreciate the practical application of acquired knowledge during work in the aquaculture industry	[SK7] entries and opinions in the internship diary
Subject contents	1. Production of aquatic plants in aquaculture conditions, 2. Aquatic invertebrates in aquaculture, 3. Breeding and cultivation of cyprinid and sturgeon fish, 4. Breeding and cultivation of salmonid fish, 5. Fish processing, 6. Commercial breeding and trade of exotic and tropical aquatic organisms.		
Prerequisites and co-requisites	none		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Positive feedback on the internship experience, correctness, and completeness of the internship journal	51.0%	75.0%
	Preparation and presentation of a report on the completed professional internship	51.0%	25.0%

Recommended reading	Basic literature	Goryczko K. 2008. Pstrągi. Chów i hodowla. Wyd. Instytut Rybactwa Śródlądowego Olsztyn. Wojda R. 2009. Karpie, Chów i hodowla. Wyd. Instytut Rybactwa Śródlądowego Olsztyn. Articles on aquaculture, e.g., Aquaculture, Aquaculture International, Aquaculture Research.
	Supplementary literature	Articles on aquaculture, e.g., Aquaculture, Aquaculture International, Aquaculture Research.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	not applicable	
Work placement	Not applicable	

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