

Subject card

Subject name and code	Social and Economic Aspects of Aquaculture - seminar, PG_00201320						
Field of study	Aquaculture – Business And Technology						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	Bachelor's studies	Subject group			Obligatory subject group in the field of study Subject group related to practical vocational preparation		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			2.0		
Learning profile	practical	Assessment form			credit		
Conducting unit	Laboratory of Ecophysiology and Bioenergetics -> Department of Marine Ecology -> Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Joanna Hegele-Drywa				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
	Additional information: seminar, presentation, discussion						
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	30	2.0	18.0	50		
Subject objectives	Learning and understanding the interaction between aquaculture and society, the economy, culture and the environment.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[AKWAL3_W01] has an advanced understanding of the links between achievements in selected fields of science and natural science disciplines, and their potential applications in socio-economic life	student knows and understands the relationship between the achievements of natural sciences and the possibility of their use for economic activity while taking into account the social and economic conditions for the realisation of such activity			[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task		
	[AKWAL3-W12] knows and understands the role of aquaculture in the modern economy and its impact on the natural environment	student knows and understands social and economic role of aquaculture in the modern economy and its impact on the natural environment			[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/report		
	[AKWAL3-U07] can come to the right conclusions on the basis of available data	student is able to make correct inferences based on data concerning the impact of aquaculture on society and the economy			[SU2] presentation/project/paper/report [SU5] implementation of a problem task		
	[AKWAL3-U12] can interact and work in a group, and assume different roles	student can interact and work in a group, performing various functions within the team, including managerial roles			[SU8] observation of student's independent or team work		

Subject contents	<p>1. Socio-economics, socio-economic research and its relevance to the planning of new aquaculture investments.</p> <p>2. Socio-economic impact categories (natural capital, human capital, physical capital, social capital and financial capital) and methods used to gain information in each category.</p> <p>3. Socio-economic and environmental dimensions of shrimp aquaculture in different countries.</p> <p>4. Socio-economic and environmental dimensions of microalgal and seaweed aquaculture in different countries.</p> <p>5. Socio-economic and environmental dimensions of aquaponics in different countries.</p> <p>6. Estimating the socio-economic impact of aquaculture using multi-criteria analysis using the analytical hierarchy process.</p>														
Prerequisites and co-requisites															
Assessment methods and criteria	<table border="1"> <thead> <tr> <th>Subject passing criteria</th> <th>Passing threshold</th> <th>Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>correct completion of the worksheets</td> <td>51.0%</td> <td>10.0%</td> </tr> <tr> <td>activity during clases</td> <td>51.0%</td> <td>10.0%</td> </tr> <tr> <td>projects or presentations</td> <td>51.0%</td> <td>80.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	correct completion of the worksheets	51.0%	10.0%	activity during clases	51.0%	10.0%	projects or presentations	51.0%	80.0%
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Example issues/ example questions/ tasks being completed															
Work placement	Not applicable														

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