

**Subject card**

Subject name and code	MSc Seminar I, PG_00099380						
Field of study	Marine Biotechnology						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	postgraduate studies	Subject group					
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			English English		
Semester of study	3	ECTS credits			10.0		
Learning profile	academic	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 hab. inż. Konrad Ocalewicz					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	30
	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	30	10.0		30.0	70	
Subject objectives	- Students acquire knowledge and understanding of advanced methods used in marine biotechnology (KW_04) - Acquiring the ability to present, interpret and discuss the results of research work (KU_03) - Acquiring the ability to critically evaluate one's own knowledge and constantly improve it (KK_01)						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[MBMU2-KW04] Knows and deeply understands advanced research methods used in marine biotechnology and related sciences		The student knows and understands in-depth advanced research methods and terminology used in marine biotechnology and related sciences		[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report		
	[MBMU2-KU03] Can use and critically analyze available scientific information; can prepare and present - orally or in writing - a paper covering detailed problems in the field of marine biotechnology on the basis of the scientific information or their own work, with the use of scientific language, including specialized terminology and conceptual apparatus; has the ability to conduct discussions		The student is able to fluently use and critically analyze available scientific information in the field of marine biotechnology; based on them and on the basis of his own work, he can prepare and present an oral presentation and/or a written presentation including detailed information issues in the field of marine biotechnology, using scientific language, including specialized terminology and conceptual apparatus; has the ability to lead discussion		[SU2] presentation/project/paper/report		
	[MBMU2-KK01] Is ready to critically evaluate his knowledge and continuously improve, update and upgrade his skills in the field of marine biotechnology		The student is ready to critically evaluate his or her knowledge and maintain it improving, updating and raising qualifications in the field of biotechnology sea		[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report		

Subject contents	The course covers issues related to the early stages of preparing master's theses; from reviewing the current state of knowledge and defining the issues of the work (scientific goal, research hypotheses) by designing the experiment and analyzing the research material. While seminars will also discuss basic issues regarding the preparation, writing and editing of master's and scientific theses. Introduction to conducting research and obtaining results that will be the basis for preparing a master's thesis: - the task of scientific research is to obtain new knowledge or solve a scientific problem, - review of the current state of knowledge in the area covered by the master's thesis, - defining the purpose of the work and formulating scientific hypotheses, -designing scientific experiments: assumptions and technical possibilities of implementation. - acquiring and preparing research material and reviewing methods of its analysis,		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	discussion	51.0%	50.0%
	presentation	51.0%	50.0%
Recommended reading	Basic literature	1. Books and scientific articles related to the topic of the master's thesis 2. literature related to the prepared diploma thesis and works supporting the writing of a bachelor's thesis, e.g. Weiner J., 1998: Techniki writing and presenting scientific works on natural sciences.	
	Supplementary literature	How to Write a Masters Thesis: The Ultimate Guide to Writing a Masters Thesis   With Format, Guidelines, and Samples - Acknowledgement World	
	eResources addresses	Podstawowe <a href="https://esajournals.onlinelibrary.wiley.com/doi/full/10.1002/bes2.1258">https://esajournals.onlinelibrary.wiley.com/doi/full/10.1002/bes2.1258</a> - Scientific Writing Made Easy: A Step-by-Step Guide to Undergraduate Writing in the Biological Sciences <a href="https://www.oxbridgeediting.co.uk/blog/a-complete-guide-to-writing-a-masters-thesis/">https://www.oxbridgeediting.co.uk/blog/a-complete-guide-to-writing-a-masters-thesis/</a> - A complete guide to writing a master's thesis Adresy na platformie eNauczenie:	
Example issues/ example questions/ tasks being completed	Prezentacja podstawowej pracy magisterskiej		
Work placement	Not applicable		

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