

**Subject card**

<b>Subject name and code</b>	MSc Laboratory I, PG_00099379						
<b>Field of study</b>	Marine Biotechnology						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>				2025/2026	
<b>Education level</b>	postgraduate studies	<b>Subject group</b>					
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>				at the university	
<b>Year of study</b>	2	<b>Language of instruction</b>				English English	
<b>Semester of study</b>	3	<b>ECTS credits</b>				15.0	
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>	Faculty of Oceanography and Geography						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		prof. dr hab. Hanna Mazur Marzec				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	0.0	300.0	0.0	0.0	300
	E-learning hours included: 0.0						
	Additional information: Laboratory classes						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM		
	<b>Number of study hours</b>	300	10.0	50.0	360		
<b>Subject objectives</b>	The main aim is: acquisition of extended knowledge and understanding of advanced methods used in marine biotechnology; extending his/her laboratory work skills including independently planning and conducting experiments, consulting their results with the tutor.						
<b>Learning outcomes</b>	<b>Course outcome</b>	<b>Subject outcome</b>		<b>Method of verification</b>			
	[MBMU2-KW04] Knows and deeply understands advanced research methods used in marine biotechnology and related sciences	Possesses knowledge on the advanced methods used in marine biotechnology, especially those applied during MSc laboratory		[SW1] oral statement/conversation/discussion [SW5] implementation of a problem task			
	[MBMU2-KU01] Can plan and carry out tests in the laboratory and at sea, and document activities and results; can use laboratory equipment under the guidance of a tutor; applies principles of occupational health and safety	Possess the ability to plan and perform the laboratory experiments and document the results; is able to use research tools applied during MSc laboratory		[SU1] oral statement/conversation/discussion [SU3] text preparation/written work [SU5] implementation of a problem task [SU8] observation of student's independent or team work			
	[MBMU2-KK03] Is ready to apply the principles of occupational health and safety, especially in the laboratory and at sea; is responsible for their own and others' safety; can recognize hazards and take appropriate action	Has an ability to work in accordance with safety regulations, is responsible and can predict the potential hazard.		[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work			
<b>Subject contents</b>	The course content varies and depends on the topic of master thesis						
<b>Prerequisites and co-requisites</b>							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Ability to correctly interpret the results	51.0%	50.0%
	Quality and progress of student's project	51.0%	50.0%
Recommended reading	Basic literature	Books and articles published in scientific journals related to the topic of master thesis	
	Supplementary literature	Books and articles published in scientific journals related to the topic of master thesis	
	eResources addresses	Adresy na platformie eNauczenie:	
Example issues/ example questions/ tasks being completed	Project-dependent		
Work placement	Not applicable		

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