

**Subject card**

<b>Subject name and code</b>	Training Cruise I, PG_00201681						
<b>Field of study</b>	Marine Biotechnology						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			English		
<b>Semester of study</b>	1	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>							
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		mgr Adam Makatun				
	<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	8.0	0.0	0.0	0.0	8
	E-learning hours included: 0.0						
<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>	8	2.0	15.0	25		
<b>Subject objectives</b>	The course aim is: familiarizing students with the principles of safe work at sea; providing students with knowledge of the natural resources of the sea; developing students skills in planning field research, in particular the collection and preservation of marine samples.						
<b>Learning outcomes</b>	<b>Course outcome</b>	<b>Subject outcome</b>		<b>Method of verification</b>			
	[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 on board the research vessel in line with safety regulations		[SK8] observation of student's independent or team work			
	[MBMU2-KU01] Can plan and conduct research in the laboratory and at sea, and to document procedures and results. Independently or under the supervision of an authorized staff member, carries out work using specialized equipment. Complies with occupational health and safety regulations.	Possess the ability to use instruments and equipment used on research vessel for sampling and sample preservation.		[SU6] demonstration of practical skills			
	[MBMU2-KW01] Has an in-depth knowledge and understanding of the significance, limitations and potential applications of natural marine resources in the context of the complex biological, environmental and technological factors influencing the development of biotechnology.	Possesses knowledge on the natural marine resources		[SW1] oral statement/ conversation/discussion			

Subject contents	During the course students focus on organization of the research work at sea, sample collection and preservation		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Quality of work done by the student during the cruise	51.0%	100.0%
Recommended reading	Basic literature	Manuals of instruments and other equipment used on board the research vessels	
	Supplementary literature	Other materials related to the subject matter.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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