

Subject card

Subject name and code	Training Cruise I, PG_00201681						
Field of study	Marine Biotechnology						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
Education level	Master's studies	Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			English		
Semester of study	1	ECTS credits			1.0		
Learning profile	academic	Assessment form			credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Adam Makatun				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	8.0	0.0	0.0	0.0	8
	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	8	2.0	15.0	25		
Subject objectives	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.						
Learning outcomes	Course outcome	Subject outcome		Method of verification			
	[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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