

Subject card

Subject name and code	Pro-seminar - research papers, PG_00192702						
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	2	ECTS credits			4.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Laboratory of Marine Biotechnology -> Department of Marine Biology and Biotechnology -> Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Hanna Mazur-Marzec				
	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		5.0		65.0	100
Subject objectives	Knowledge acquisition by students on current biotechnological scientific problems. Acquisition of the ability to prepare and make in English a short oral presentation, using scientific language, including specialist terminology and notional apparatus suitable for the conducted research, and to participate in a discussion. Acquisition of the ability to critically assess own knowledge and constantly improve it.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MBMU2-KW02] Has an in-depth knowledge of the possibilities of biotechnological use of marine resources	Possesses knowledge in the field of selected issues currently discussed in marine biotechnological literature and problems concerning related scientific areas and disciplines significant for marine biotechnology	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work
	[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	Understands an utterance and reads with understanding scientific literature and simple reviews in the fields of science and scientific disciplines connected with marine biotechnology; can prepare a short written review and an oral presentation in English (using scientific language), concerning particular issues of marine biotechnology and related scientific areas and disciplines, has an ability to participate in a discussion	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work
	[MBMU2-KK01] Is ready to critically evaluate his knowledge and continuously improve, update and upgrade his skills in the field of marine biotechnology	Has an ability to critically assess his own knowledge on marine biotechnology and is willing to constantly improve and update it.	[SK1] oral statement/conversation/discussion
Subject contents	The course covers issues concerning different aspects of marine biotechnology presented in the recent review and research papers		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	scientific project elaboration	51.0%	35.0%
	multimedia presentation	51.0%	35.0%
	group discussion	51.0%	30.0%
Recommended reading	Basic literature	Selected papers suggested by the teacher	
	Supplementary literature	Selected papers suggested by the teacher	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<p>National and international companies operating in marine biotechnology sector</p> <p>Main tasks included in projects focusing on marine biotechnology issues</p> <p>Marine product-based biomaterials</p> <p>Marine aquacultures</p>		
Work placement	Not applicable		

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