University of Gdańsk

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-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
[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-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

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

National and international companies operating in marine biotechnology sector

Main tasks included in projects focusing on marine biotechnology issues

Marine product-based biomaterials

Marine aquacultures

Work placement

Not applicable

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