University of Gdańsk

Subject card

Subject name and code	Marine Microbiology - laboratory, PG_00206161		
Field of study	Oceanography		
Date of commencement of studies	October 2027	Academic year of realisation of subject	2028/2029
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Optional subject group 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	2	Language of instruction	Polish
Semester of study	4	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr Anna Toruńska-Sitarz	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	30.0	0.0	0.0	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	2.0	18.0	50

Subject objectives

To acquire the basic knowledge of the principles of work and safety in a microbiology laboratory; to introduce students to the basic techniques and methods of marine microbiology.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[OCEANL3-U03] is able to process, describe, and present results, and draw conclusions	Is able to process, describe and present the results of microbiological investigations and analyses and to make correct conclusion based on them.	[SU2] presentation/project/paper/ report [SU3] text preparation/written work [SU4] test/exam - oral or written

Subject contents

1. Basic principles of microbiology laboratory work. Methods of microbial isolation and culture.

2. Identification and quantitative analysis of microorganisms based on classical and modern methods.

3. Analysis of interactions between marine microorganisms.

Prerequisites and co-requisites

none

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Entry tests	51.0%	60.0%
	Report	51.0%	20.0%
	Test	51.0%	20.0%
Recommended reading	Basic literature	Script prepared by the lectuler.	
	Supplementary literature	-	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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