

Subject card

Subject name and code	Marine microbiology - laboratory exercises, PG_00118063						
Field of study	Oceanography						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	undergraduate studies	Subject group					
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					
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		5.0		15.0	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 the results of microbiological investigations and analyses and to make correct conclusion based on them.		[SU1] oral statement/conversation/discussion [SU3] text preparation/written work [SU4] test/exam - oral or written		
Subject contents	<p>1. Basic principles of microbiology laboratory work. Methods of microbial isolation and culture.</p> <p>2. Identification and quantitative analysis of microorganisms based on classical and modern methods.</p> <p>3. Analysis of interactions between marine microorganisms.</p>						
Prerequisites and co-requisites	none						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Report		51.0%		20.0%		
	Practical assessment		51.0%		20.0%		
	Short tests		51.0%		60.0%		
Recommended reading	Basic literature		Script prepared by the lecturer.				

	Supplementary literature	-
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.