

Subject card

Subject name and code	Master's Thesis Laboratory in Marine Biology II - laboratory, PG_00204919						
Field of study	Oceanography						
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 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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			5.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Filip Pniewski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	70.0	0.0	0.0	70
	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	70		5.0		50.0	125
Subject objectives	Familiarizing students with the specificity of work in a research laboratory and in the field, using research equipment necessary to complete their master's thesis; mastering research methods related to the implementation of a master's thesis, designing research as part of a master's thesis.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[OCEANMU2-K03] is ready to effectively organize his/her own work, is active and persistent and punctuality in completing tasks, is ready to carrying out evaluation of their own activities	is ready to organise their work effectively, demonstrates initiative and perseverance, completes tasks assigned for their master's thesis in marine biology on time, and is ready to critically evaluate their own actions	[SK8] observation of student's independent or team work
	[OCEANMU2-U03] can plan and carry out independently advanced research and measurements, both in field and laboratory, using appropriately selected measurement and analytical techniques in the field of oceanography, adequately to the studied specialty and research problem	is able to independently plan and conduct advanced research and measurements, both in the field and in the laboratory, using appropriately selected measurement and analytical techniques used in marine biology, relevant to the research problem addressed in the master's thesis	[SU2] presentation/project/paper/report [SU8] observation of student's independent or team work
	[OCEANMU2-W05] knows and understands the principles of planning and conducting field and laboratory research as well as advanced methods and tools of scientific research, especially in the field of the studied specialty	has in-depth knowledge and understanding of the principles of planning and conducting field and laboratory research in marine biology, as well as advanced scientific research methods and tools used in the field covered by the master's thesis	[SW1] oral statement/conversation/discussion
Subject contents	The topics of classes and the scope of research tasks - laboratory, field and literature - are determined individually by the student with the supervisor of the master's thesis, in accordance with the topic and specificity of the master's thesis.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	The level of advancement of research conducted as part of the master's thesis	51.0%	80.0%
	Observation of the student's independent work.	51.0%	20.0%
Recommended reading	Basic literature	The literature is selected individually for the student, in accordance with the instructions of the master's thesis supervisor.	
	Supplementary literature	The literature is selected individually for the student, in accordance with the instructions of the master's thesis supervisor.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Tasks relevant to the master's thesis being prepared		
Work placement	Not applicable		

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