University of Gdańsk

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.

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[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</td><td>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</td><td>[SK8] observation of student's independent or team work</td></tr>
<tr><td>[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</td><td>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</td><td>[SU2] presentation/project/paper/ report
[SU8] observation of student's independent or team work</td></tr>
<tr><td>[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</td><td>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</td><td>[SW1] oral statement/ conversation/discussion</td></tr>
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<tr><td>Subject contents</td><td>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.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>The level of advancement of research conducted as part of the master's thesis</td><td>51.0%</td><td>80.0%</td></tr>
<tr><td>Observation of the student's independent work.</td><td>51.0%</td><td>20.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>The literature is selected individually for the student, in accordance with the instructions of the master's thesis supervisor.</td></tr>
<tr><td>Supplementary literature</td><td>The literature is selected individually for the student, in accordance with the instructions of the master's thesis supervisor.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>Tasks relevant to the master's thesis being prepared</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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