University of Gdańsk

Subject card

Subject name and code	MSc Laboratory II, PG_00099390		
Field of study	Marine Biotechnology		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	postgraduate studies	Subject group	
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	English English
Semester of study	4	ECTS credits	23.0
Learning profile	academic	Assessment form	
Conducting unit	Faculty of Oceanography and Geography		
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	400.0	0.0	0.0	400

E-learning hours included: 0.0

Additional information:
Laboratories

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	400	20.0	100.0	520

Subject objectives

Acquiring the extended knowledge and understanding the advanced methods used in marine biotechnology; extending his/her laboratory work skills including independently planning and conducting experiments, consulting their results with the tutor. The student will deepen his/her ability to independently document the conducted experiments and their results and learns to independently operate the research devices.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[MBMU2-KW04] Knows and deeply understands advanced research methods used in marine biotechnology and related sciences	Possesses knowledge on the advanced methods used in marine biotechnology, especially those applied during MSc laboratory	[SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
[MBMU2-KU01] Can plan and carry out tests in the laboratory and at sea, and document activities and results; can use laboratory equipment under the guidance of a tutor; applies principles of occupational health and safety	Possess the ability to plan and perform the laboratory experiments and document the results; is able to use research tools applied during MSc laboratory	[SU1] oral statement/conversation/ discussion [SU3] text preparation/written work [SU5] implementation of a problem task [SU8] observation of student's independent or team work
[MBMU2-KK03] Is ready to apply the principles of occupational health and safety, especially in the laboratory and at sea; is responsible for their own and others' safety; can recognize hazards and take appropriate action	Has an ability to work in accordance with safety regulations, is responsible and can predict the potential hazard.	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work

Subject contents

The course content varies and depends on the topic of master thesis

Prerequisites and co-requisites

<table>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td></td><td>51.0%</td><td>50.0%</td></tr><tr><td></td><td>51.0%</td><td>50.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Books and articles published in scientific journals related to the topic of master thesis</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Books and articles published in scientific journals related to the topic of master thesis</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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