University of Gdańsk

Subject card

Subject name and code	Marine Environment Protection II - lecture, PG_00181416		
Field of study	Marine Hydrography		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2023/2024
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Subject group related to practical vocational preparation
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	1	ECTS credits	1.0
Learning profile	practical	Assessment form	credit
Conducting unit	Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Piotr Bekier	
	Teachers	dr inż. Piotr Bekier	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	0.0	0.0	0.0	15

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	15	1.0	9.0	25

Subject objectives

As a result of the training, the trainee should acquire:
a) knowledge in the following areas:
- basic concepts of marine ecology, types of pollution generated on board ships, and legal regulations regarding the prevention of pollution in the Baltic Sea;
- principles of operating environmental protection equipment used on board seagoing vessels;
b) skills in the following areas:
- operating environmental protection equipment used on board ships;
- correctly assessing the performance of environmental protection equipment;
- maintaining environmental protection documentation required for ships and required by law.

Learning outcomes

Course outcome	Subject outcome	Method of verification

Subject contents

1. MARPOL Convention.
2. Helsinki Convention.
3. Measures and methods for combating pollution from ships.
4. Shipboard equipment and systems for cleaning and preventing pollution.
5. Shipboard procedures for environmental protection and pollution prevention.
6. Ship documentation for marine environmental protection, required certificates.

Prerequisites and co-requisites

Subject required by the Regulation of the Minister of Infrastructure and Development of February 5, 2014, on framework training programs and examination requirements for deck department seafarers (i.e., Journal of Laws 2023, item 1566): attendance at all classes is mandatory. AMW allows students to make up for up to 20% of excused absences from these classes in a form that enables them to acquire the missing knowledge and skills. Students who have passed the course but, due to absences exceeding 20% of classes or failure to make up for classes in a form that allows them to obtain the missing knowledge and skills, do not receive an entry in the supplement confirming completion of studies recognized at the operational level in coastal shipping.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
oral presentation	51.0%	20.0%
written test	51.0%	60.0%
report	51.0%	20.0%

Recommended reading	Basic literature	
	Supplementary literature	
	eResources addresses	
Example issues/ example questions/ tasks being completed	1. Provide a definition of pollution according to the Helsinki Convention. 2. How should contaminated dredged material be handled? 3. List the main methods of combating oil spills. 4. What are radioactive isotopes?	
Work placement	Not applicable	

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