University of Gdańsk

Subject card

Subject name and code	Ship Safety - lecture, PG_00201154						
Field of study	Marine Hydrography						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2029/2030		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	7		ECTS credits		1.0		
Learning profile	practical		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		mgr inż. Leszek Stępień				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	12.0	0.0	0.0	0.0	0.0	12
	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	12		1.0		12.0	25
Subject objectives	Providing knowledge in the field of: rules for concluding employment contracts on ships, accident risk on ships, post-accident procedures, emergency procedures, alarm schedules and legal acts relating to ship safety.Obtaining skills in the following areas: applying emergency procedures and actions necessary to ensure the safety of the ship's people and cargo.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[HML3-W16] knows and understands engineering standards and norms specific to the field of study, in particular those recommended by IHO and IMO	knows the rules for concluding employment contracts on ships, accident risks on ships, post-accident procedures, emergency procedures, alarm schedules, legal acts and basic requirements resulting from them in relation to ship safety	[SW4] test/exam - oral or written
[HML3-U12] is able to use engineering standards and norms and apply technologies specific to the field of study	is able to correctly interpret and apply safety procedures in accordance with the provisions of the ISM Code, including implementing emergency procedures and taking the necessary actions to ensure the safety of people, the ship, and the cargo	[SU4] test/exam - oral or written
[HML3-U08] is able to independently use the professional literature available in traditional and electronic form, make an assessment, critical analysis and synthesis as well as the correct interpretation of the information obtained	is able to: - properly use personal protective equipment (PPE); - determine the uses of individual life-saving devices and appliances on the ship	[SU4] test/exam - oral or written
[HML3-K01] is ready to correctly identify and resolve professional dilemmas, especially in the aspects of security and entrusted property	is ready to: - ensure their own safety and that of others while working on board the ship in accordance with health and safety regulations; - properly organize alarms and drills on board the ship to improve skills in handling emergency situations, including caring for passengers during emergencies	[SK2] presentation/project/paper/ report

Subject contents

OSH

Scope of activities and powers of the occupational health and safety service and labor inspection.Rules of work safety on ships, legal acts and orders of shipowners.
Obligations and rights of employees in the light of labor law provisions.Job contract.Institutions established to resolve disputes arising from the employment relationship.
ILO conventions in the context of seafarers' rights and obligations.ITF scope of operation.
Requirements for maintaining safety while working on a ship.Caring for passengers in emergency situations.
Behavior in dangerous situations
.Equipping with personal protective equipment.Accident hazards on ships - causes, places, elimination.Occupational accidents procedure.

SAFETY OF THE SHIP AND PEOPLE

The impact of the human factor on ship safety.
Training of seafarers (STCW Convention).
Fatigue factor and ship safety.SOLAS Convention.
General information. Lifesaving devices and means on board the ship.ISM Code.
Procedure in the event of a threat to the ship's safety (fire, explosion, flooding of the watertight compartment), abandonment of the ship.
Emergency response plan, alarm duties of crew members.
ISPS Code.

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
test	51.0%	100.0%

Recommended reading

Basic literature

1. OSH for seamen. Wydawnictwo Morskie Oko. Gdynia.
2. The International Management Code for the Safe Operation of Ships Aand for Pollution Prevention (ISM CODE)
3. ŁĄCZYŃSKI B., ŁĄCZYŃSKI H.: Safe work of deck crews on merchant ships. Gdynia 2003.
4. Maritime Labour Convention 2006 (MLC 2006)

	Supplementary literature	1. SILAS Convention 2.. STCW Convention 3. The Ordinance of the Minister of Foreign Trade and Maritime Economy of June 25, 1979 on occupational health and safety on maritime merchant ships ((Dz. U. 1979 nr 14 poz. 96)
	eResources addresses	
Example issues/ example questions/ tasks being completed	1. Basic issues regulated by the Maritime Labor Convention (MLC 2006). 2. Legal basis of medical standards and requirements for obtaining an international health certificate. 3. Obligations of shipowners and management companies regarding health and safety on ships. 4. SOLAS requirements for the development of alert schedules and the conduct of drills on ships. 5. Legal requirements for counteracting fatigue on ships, including keeping records of daily working/rest hours.	
Work placement	Not applicable	

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