University of Gdańsk

Subject card

Subject name and code	Safety of Navigation - lecture, PG_00201130						
Field of study	Marine Hydrography						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2028/2029		
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	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		1.0		
Learning profile	practical		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Piotr Bekier				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	17.0	0.0	0.0	0.0	0.0	17
	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	17		1.0		7.0	25
Subject objectives	1. Providing knowledge in the field of identifying ships based on visible lights and signs as well as sound and light signals emitted by ships, applying rules in accordance with international maritime law. 2. Familiarization with the principles of organization and performance of navigational, anchor and port watches, as well as procedures for taking over and transferring the watch.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[HML3-W07] knows and understands, at an advanced level, principles of operation and use of measuring instruments used in professional activities related to the field of study, including the principles of their calibration and assessment of accuracy	knows rules of sea routes	[SW4] test/exam - oral or written
[HML3-W09] knows and understands, at an advanced level, issues related to route planning, safe route determination and monitoring in accordance with international regulations, including sources of information on navigational hazards and ways of obtaining it	knows: - rules of sea routes, - basic concepts of international regulations for the prevention of collisions at sea, including definitions of specific types of ships; - knows and understands the scope of application of the regulations and the responsibility for non-compliance, - distress signals at sea, - composition, principles of organization and management of the navigation watch, duties of the people included in the watch and responsibilities resulting from its performance, - rules for keeping entries in the logbook and other documentation related to performing a navigational watch	[SW4] 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 identify ships by visible lights and signs and by the sound and light signals they emit	[SU4] test/exam - oral or written
[HML3-U11] is able to use navigation devices, means of technical observation and communication as well as measuring instruments, as well as apply in practice various techniques of measurement and observation in the field of professional activity related to the field of study	is able to identify ships by visible lights and signs and by the sound and light signals they emit	[SU4] test/exam - oral or written

Subject contents

WATCHING PROCEDURES

Rules for keeping a navigational, anchor and port watch.Taking up and handing over the watch.Entries in the logbook and other documents.Local regulations.

LIGHTS AND SIGNS, BOARDS

Lights and navigation signs: purpose, functions, application.Rules of international maritime law.Liability for failure to comply with the MPDM.

WATCHING PROCEDURES

Sea watch, management of the navigation watch, division of duties, use of available resources.Watch staff depending on the type of watch.Cooperation between persons performing duties.Responsibility for keeping the watch.Emergency situations during the watch.

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">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.</td></tr>
<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>test</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">1. JURDZIŃSKI M.: Procedury wachtowe i awaryjne w nawigacji morskiej. Fundacja WSM, Gdynia 2001.
2. RYMARZ W.: Międzynarodowe Prawo Drogi Morskiej w zarysie. Trademar, Gdynia 2015.
3. ŚNIEGOCKI H.: Międzynarodowe przepisy o zapobieganiu zderzeniom na morzu. Trademar, Gdynia 2016.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">1. International Chamber of Shipping: Bridge Procedure Guide International, 2016.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></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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