University of Gdańsk

Subject card

Subject name and code	Maritime search and rescue - lecture, PG_00198876						
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	2.0			
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	26.0	0.0	0.0	0.0	0.0	26
	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	26		1.0		23.0	50
Subject objectives	Providing knowledge in the field of: tasks, principles of saving life at sea; basic technical characteristics of SAR measures; rules of cooperation with rescuers; organization of ship rescue servicein a situation of direct threat to the ship and crew						

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 legal framework, organization, and operating procedures of SAR services; - emergency procedures used in maritime rescue, and the principles of cooperation with SAR services; - rescue procedures applied on vessels; - a ship's lifesaving and rescue equipment; - principles of human survival at sea and on lifesaving appliances; - signals and methods of calling for help; - tasks and principles of saving lives and property at sea; basic technical characteristics of SAR assets; principles of cooperation with rescuers; organization of the ship's rescue service in situations of immediate danger to the ship and crew	[SW4] 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: - work with the ship's crew in operating the ship's lifesaving and rescue equipment; - cooperate with the ship's crew and SAR services in implementing rescue procedures	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work

Subject contents

1. Organization of the Maritime Search and Rescue Service in Poland and abroadBaltic Sea.
2. Equipment for lifeboats, liferafts and rescue boats.
3. Boat, life raft and rapid rescue launching systems.
4. Methods of evacuating people from endangered cargo ships.
5. Methods of evacuating people from endangered passenger ships and ferries.
6. Behavior of survivors on ship's life-saving equipment.
7. Principles of human survival in the sea.
8. Emergency procedures used in rescue services.
9. Conduct in danger.
10. Global search and rescue methods.

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. CZAJKOWSKI J., PŁAWSKI A.: Alarmowanie i naprowadzanie na rozbitków w Systemie GMDSS. Gdynia 1995. 2. IAMSAR Międzynarodowy Lotniczy i Morski Poradnik Poszukiwania i Ratowania. Wydawnictwo Trademar, Gdynia 2001. 3. PUCHALSKI J.: Poradnik Ratownika Morskiego. Wydawnictwo Trademar, Gdynia 2001.
Supplementary literature	1. Międzynarodowa Konwencja o Bezpieczeństwie Życia na Morzu (SOLAS 74). PRS, Gdańsk 2010. 2. Międzynarodowy Kodeks Środków Ratunkowych (Kodeks LSA). PRS, Gdańsk 1999.
eResources addresses	

Example issues/ example questions/ tasks being completed

1. Organization of the Maritime Search and Rescue Service in Poland and abroad Baltic Sea.
2. Emergency procedures used in rescue services.
3. Behavior of survivors on ship's life-saving equipment.

Work placement

Not applicable

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