

**Subject card**

<b>Subject name and code</b>	Basic Training in Safety and Security - classes , PG_00198783						
<b>Field of study</b>	Marine Hydrography						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study Subject group related to practical vocational preparation		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	2	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	practical	<b>Assessment form</b>			credit		
<b>Conducting unit</b>							
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr inż. Piotr Bekier				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	26.0	0.0	0.0	0.0	26
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	<b>Participation in didactic classes included in study plan</b>		<b>Participation in consultation hours</b>		<b>Self-study</b>	<b>SUM</b>
	<b>Number of study hours</b>	26		1.0		3.0	30
<b>Subject objectives</b>	<p>Acquiring knowledge and skills in the field of:</p> <ul style="list-style-type: none"> <li>• saving lives at sea in the event of having to abandon ship,</li> <li>• minimizing the risk of fire and responding to emergencies related to fire on the ship,</li> <li>• providing first aid to injured persons on the ship,</li> <li>• preventing and responding to hazardous situations on the ship, preventing contamination of the marine environment and observing occupational safety,</li> <li>• recognizing threats to navigation safety and selecting appropriate security procedures.</li> </ul>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[HML3-U18] is able to work individually and in team, manage the work of the team, in particular comply with health and safety regulations and ergonomics	is able to: respond appropriately to fire threats and use portable firefighting equipment depending on the type of fire and the number of people involved in fighting the fire; take actions in the field of providing first aid, in particular: recognizing cardiac arrest, performing cardiopulmonary resuscitation, placing the injured person in a safe position, stopping bleeding, recognizing and immobilizing fractures, securing the injured person in post-traumatic shock, providing first aid for burns; communicate with the crew in English, give commands, obey commands; identify types of threats on the ship and respond to them appropriately; properly use personal protective equipment, recognize alarm signals, distinguish human behavior and understand the threats caused by addictions	[SU6] demonstration of practical skills
	[HML3-K01] is ready to correctly identify and resolve professional dilemmas, especially in the aspects of security and entrusted property	is ready to: cooperation in the international environment, taking into account the character, personality and religious differences of the ship's crew members; tolerance of cultural differences and language restrictions; breaking down barriers to communication and communicating effectively	[SK8] observation of student's independent or team work
Subject contents	<ol style="list-style-type: none"> <li>1. Individual and collective rescue measures; techniques for evacuating people from the ship. Rules for survival of a survivor in water and in collective rescue measures; danger signals, pyrotechnics; organization of search and rescue operations. Rules of cooperation with a helicopter; practical exercise in a swimming pool.</li> <li>2. General information on fire protection on ships; rules for preventing, detecting and fighting fires on ships; fire extinguishing means and systems available on the ship; organization and techniques of fire fighting on a ship; practical exercise in fire fighting at a fire training ground.</li> <li>3. Immediately life-threatening conditions; recognizing breathing and circulatory disorders; resuscitation techniques; arterial and venous bleeding, stopping hemorrhages; burns, electric shock, rules of conduct for the injured; fractures and dislocations, immobilization principle, spinal immobilization; transport of the sick and injured on a ship, preparation of transport by helicopter; recognizing people under the influence of alcohol and drugs, rules of dealing with intoxicated people.</li> <li>4. International ship and navigation safety and environmental regulations; regulations on occupational health and safety on seagoing ships and personal protective equipment and anti-pollution equipment; updating knowledge about threats (terrorism, sabotage, acts of piracy); practical exercises in the ability to communicate in English in emergency situations and in business conversations; stress and its impact on the human body.</li> <li>5. Protection of shipping and sea ports, threats in shipping, protection methodology, importance and necessity of application.</li> </ol>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	skill demonstration	51.0%	100.0%
Recommended reading	Basic literature	<ol style="list-style-type: none"> <li>1. GETKA R.: Przeciwpożarowe urządzenia i instalacje gaśnicze na statkach.</li> <li>2. GRZYWACZEWSKI Z.: Walka z pożarami na statkach.</li> <li>3. IAMSAR t. III Środki mobilne.</li> <li>4. Konwencja MARPOL 73/78.</li> <li>5. Konwencja o bezpieczeństwie życia na morzu SOLAS 74.</li> <li>6. Konwencja STCW 1978/95.</li> <li>7. Międzynarodowy Kodeks Zarządzania Bezpieczeństwem ISM CODE.</li> <li>8. POUSADA L., OSBORN H. H., LEVY D. B.: Medycyna ratunkowa.</li> <li>9. System Zarządzania bezpieczeństwem. WSM, Szczecin.</li> <li>10. WALCZAK A.: Piractwo i terroryzm morski.</li> <li>11. WOJCIECHOWSKI E.: Pierwsza pomoc w nagłych wypadkach.</li> </ol>	

	Supplementary literature	<ol style="list-style-type: none"> <li>1. DROGOSIEWICZ M.: Ratownictwo morskie.</li> <li>2. International Medical Guide for Ships.</li> <li>3. KUBIAK K.: Przemoc na oceanach. Współczesne piractwo i terroryzm morski.</li> <li>4. LEWIS J.: Marine Fire Fighting.</li> <li>5. MIRONIUK W., WRÓBEL R., SZYSZKA J.: Ochrona przeciwpożarowa okrętu.</li> <li>6. Morski nawigacyjny słownik frazeologiczny.</li> <li>7. PUCHALSKI J.: Poradnik ratownika morskiego.</li> <li>8. Standardowe zwroty porozumiewania się na morzu. WSM, Szczecin</li> </ol>
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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