

**Subject card**

<b>Subject name and code</b>	Sea Environment Protection, PG_00119412						
<b>Field of study</b>	International Economic Relations						
<b>Date of commencement of studies</b>	October 2023	<b>Academic year of realisation of subject</b>			2025/2026		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	3	<b>Language of instruction</b>			Polish Polski		
<b>Semester of study</b>	6	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>							
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Tomasz Nowosielski				
	<b>Teachers</b>		dr Tomasz Nowosielski				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	15.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	15		0.0		0.0	15
<b>Subject objectives</b>	The aim of the course is to introduce students to the protection of the marine environment, the main risks associated with pollution of marine and coastal areas and methods of preventing nature degradation.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MSG3_W07] knows and understands types of economic ties and regularities governing them, including the principles of functioning of the market and the market mechanism, both in the national and international aspect	The student has knowledge of the impact of the global economy on the environment, especially the world's seas and oceans	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[MSG3_K01] is ready to recognise the importance of knowledge in the field of economics in the process of identifying and solving economic problems and to consult experts in case of difficulties in solving them independently	The student is aware of the need to verify his action, based on accepted standards and customs. The student takes advantage of the opportunity to consult on issues related to the subject.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report
	[MSG3_U13] can prepare presentations and oral speeches on selected specific problems concerning international economic relations (in connection with the chosen speciality within International Economic Relations), using basic theoretical approaches, specialist terminology, principles of collecting data from various sources, their description and interpretation, and drawing conclusions based on scientific literature	The student has the ability to present the problems of marine environmental protection in an interesting way, including relevant and up-to-date information. The student takes advantage of the opportunity to consult on issues related to the subject.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
	[MSG3_W04] has an advanced knowledge of different types and essential elements of the structures of economic entities and organisations, and public institutions	The student has knowledge of: the functioning of international commodity markets and their relationship to transportation markets.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[MSG3_U05] can use basic regulations and standards which determine business activity, as well as accounting principles in order to solve specific tasks related to the activity of enterprises	The student knows how to use national and international environmental law standards that affect the conduct of business in the sphere of transport, tourism and logistics. The student takes advantage of the opportunity to consult on issues related to the subject.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report	
Subject contents	<p>The environment as a specific ecosystem Main threats to the marine environment Pollution caused by industrial activity Pollution caused by the development of settlement networks - urbanisation Pollution caused by maritime transport International and national legal standards for the protection of the marine environment The concept of sustainable development as an element in the reduction of pollution of the marine environment Environmental protection and pollution reduction - the Baltic model</p>		
Prerequisites and co-requisites	International Economic Relations, Maritime Transport Organisation and Technology.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	presentation and activity in class	51.0%	100.0%

Recommended reading	Basic literature	<p>1. Bolałek J., Ochrona środowiska morskiego. Od teorii do praktyki, Wydawnictwo Uniwersytetu gdańskiego, Gdańsk 2016</p> <p>2. Aspekty ochrony środowiska morskiego i nadmorskiego, pod red. P. Manczarskiego, Polskie Zrzeszenie Inżynierów i Techników Sanitarnych, Poznań 2015</p> <p>3. Dąbrowski J., Nowosielski T., Zrównoważony rozwój nowym paradygmatem rozwoju gospodarczego, [w:] Efektywność ekonomiczna przedsiębiorstw a zrównoważony rozwój gospodarki, Polskie Towarzystwo Ekonomiczne, Gdańsk 2013</p> <p>4. Lewandowski P., Prawna ochrona wód morskich i śródlądowych przed zanieczyszczeniami, WUG, Gdańsk 1996</p>
	Supplementary literature	<p>1. Nowosielski T., Innowacyjność w żegludze morskiej - wykorzystanie alternatywnych paliw do napędu statków, [w:] Innowacyjne przedsiębiorstwa standard XXI wieku, Polskie Towarzystwo Ekonomiczne, Gdańsk 2011</p> <p>2. Kenig - Witkowska M., Międzynarodowe prawo ochrony środowiska, C.H. Beck, Warszawa 2011</p> <p>3. Majewski A., Oceany i morza świata, PWN, Warszawa 1992</p> <p>4. Międzynarodowa konwencja o zapobieganiu zanieczyszczaniu morza przez statki, Marpol 73/78 (tekst)</p> <p>5. Konwencja o ochronie środowiska morskiego obszaru Morza Bałtyckiego 1992 (tekst)</p> <p>6. Strony internetowe: oficjalna strona Greenpeace: <a href="http://www.greenpeace.pl">www.greenpeace.pl</a>, <a href="http://www.ocean.greenpeace.org/pl">www.ocean.greenpeace.org/pl</a></p> <p>7. oficjalna strona Międzynarodowej Organizacji Morskiej (IMO): <a href="http://www.imo.org">www.imo.org</a> 8. oficjalna strona Komisji Helsińskiej (HELCOM): <a href="http://www.helcom.fi">www.helcom.fi</a></p>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<p>Planetary ecosystem - ecological balance. Main sources of pollution of the marine environment. Principles of prevention of pollution of the marine environment. Forms and tools of protection of the marine environment. The concept of sustainable development as a target solution for a modern economy.</p>	
Work placement	Not applicable	

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