University of Gdańsk

Subject card

Subject name and code	Sustainable Management in Maritime Offshore Sectors, PG_00119516		
Field of study	Economics		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Specialty subject group
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	4	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Faculty of Economics -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Aleksandra Gus-Puszczewicz	
	Teachers	dr Aleksandra Gus-Puszczewicz	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	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	15	0.0	0.0	15

Subject objectives
1. Acquiring knowledge and increasing students' awareness of the need for sustainable management in the offshore sectors. Expanding knowledge on the role of selected offshore sectors in shaping sustainable development. 2. Acquiring the ability to formulate opinions and constructive criticism regarding proposed management methods and their impact on the environment, cooperation skills and group activities. 3. Acquiring practical skills in identifying the impact of offshore sectors on the environment.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[EKONMU2_U06] can practically apply various forms and range of acquired knowledge in economics, finance and management, supplementing it with an independent critical analysis of its efficiency and usefulness	The student has the ability to implement a sustainable management model in offshore industry. He is also able to carry out environmental tests necessary in the process preparation and implementation of projects in the offshore sectors.	[SU1] oral statement/conversation/ discussion [SU8] observation of student's independent or team work
[EKONMU2_W04] knows different types of economic and social ties and regularities governing them; has an in-depth knowledge of economic and financial ties between enterprises	The student knows various economic ties, especially social ones corporate responsibility, according to which enterprises conduct their activities voluntarily take into account social interests, environmental aspects, or relations with various stakeholder groups, in particular employees. The student knows that in business activity, it is necessary to act for the benefit of the local community and activities pro-ecological, social campaigns and reports, activities for employees and others, related to social responsibility	[SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
[EKONMU2_U02] can use acquired knowledge to describe and analyse the causes and course of economic and social processes and phenomena, and can formulate his/her own opinions and critically select data and analysis methods based on the achievements of economic and social sciences	Is able to use the Code of Good Practices and implement a sustainable model management. Acquires the ability to formulate opinions and constructive criticism regarding the proposed methods of developing maritime areas and can indicate preventive, limiting and compensating actions for negative effects impact on the marine environment	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
[EKONMU2_K03] inspires and organises preparation of economic and social projects, following the idea of sustainable development, reconciling legal, economic, ecological, political and social requirements	The student is able to prepare socio-economic projects reflecting the impact on the marine environment of projects in the offshore sectors, guided by knowledge in the field legal regulations and the principles and criteria of the idea of sustainable development.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report
[EKONMU2_K02] is aware of the level of their knowledge in the area of solving complex problems in economic,; understands the need to extend and update this knowledge throughout his/her life	The student is able to prepare socio-economic projects reflecting the impact on the marine environment of projects in the offshore sectors, guided by knowledge in the field legal regulations and the principles and criteria of the idea of sustainable development.	[SK1] oral statement/conversation/ discussion
[EKONMU2_W07] has an in-depth knowledge of economic and financial principles governing the functioning and management of economic entities and organisations, as well as of systems of legal, organisational, professional, moral and ethical norms and rules organising public structures and institutions, both in the national and international spheres	The student knows legal and practical regulations (Code of Good Practices) sustainable management in the offshore sectors and also has in-depth knowledge in scope of principles and methods for assessing the expected impact of investments in offshore sector on the marine environment	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
[EKONMU2_U08] can independently analyse economic and social phenomena and processes, and can perform a theoretically deepened assessment of such phenomena, using appropriately selected research method	The student is able to analyze, using appropriate research methods, the impact of investments offshore sector on the marine environment and assess the expected impacts of these impacts	[SU1] oral statement/conversation/ discussion [SU8] observation of student's independent or team work

Course outcome	Subject outcome	Method of verification
[EKONMU2_W03] has an in-depth knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning in the national, international and intercultural spheres	the student has knowledge of the natural elements of the environment covered by the scope expected impact of the planned project on the marine environment. The student has in-depth knowledge of the types of interactions between those implemented investment projects within selected offshore sectors a marine environment at the stage of construction/demolition, operation and can assess the effects of these impacts	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
[EKONMU2_K01] recognises the importance of knowledge in the field of economics in the process of identifying and solving economic problems and of consulting experts when having difficulties in solving them independently	The student recognizes the importance of economics knowledge in the process of identification and solving economic problems and seeking expert opinions in cases difficulties in solving them on your own	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report

Subject contents

1. The concept and concepts of sustainable development, the concept of corporate social responsibility (CSR), the concept of Creating Shared Value - CSV by M. E. Porter and M. R. Kramer, the concept of creating added value (Creating Value Added - CVA).
2. Sustainable management in offshore sectors/ (premise, purpose, specificity, Code of Good Practice)
3. Sustainable management in offshore sectors in the light of legal regulations (participation in classes by an employee from the Department of Morksi Law at the Faculty of Law of the University of Gdańsk)
4. Problems of implementing the sustainable management model in the offshore industry
5. Methods for identifying expected significant impacts on the marine environment of investment projects at the stage of project preparation, operation (environmental monitoring) and closure of activities in the offshore sectors (participation in classes of practitioners, including from the Polish Wind Energy Association, the Polish Offshore Wind Energy Association)

Prerequisites and co-requisites

Knowledge of basic issues regarding sustainable development and the offshore sector.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
test	51.0%	40.0%
activity	51.0%	30.0%
design	51.0%	30.0%

Recommended reading

Basic literature

1. M. Rosińska-Bukowska, J. Bukowski, Zrównoważone zarządzanie - główne wyzwanie rozwojowe dla współczesnych organizacji, [w:] Natura i uwarunkowania ryzyka, I. Staniec (red.), Wydawnictwo Politechniki Łódzkiej, Monografie PŁ, Łódź 2014
2. A. Jabłoński, Modele zrównoważonego biznesu, Wydawnictwo DEFIN 2013
3. Wskaźniki zrównoważonego rozwoju, pod red. Borys T.,Wyd. Ekonomia i Środowisko, Warszawa-Białystok 2005
4. Kodeks dobrych praktyk, Polskie Stowarzyszenie Energetyki Wiatrowej (2019), http://psew.pl/wp-content/uploads/2019/06/PSEW_Kodeks-Dobrych-Praktyk.pdf
5. D. Pyć, The Role of the Law of the Sea in Marine Spatial Planning, Martime Specjal Planning", 2019, pp 375-395, https://link.springer.com/content/pdf/10.1007%2F978-3-319-98696-8_16.pdf
6. J. Krystek, Ocena odziaływania na środowisko, Wydawnictwo Naukowe PWN, Warszawa 2021
7. A. Kosieradzka-Federczyk, Ocena oddziaływania na środowisko. Węzłowe zagadnienia prawnomiędzynarodowe, (2019), Warszawa, https://www.wit.edu.pl/dokumenty/wydawnictwa_naukowe/oons/22-03-2019_akosieradzka_ap_2-2.pdf
8. Morska farma wiatrowa "Bałtyk Środkowy III" Raport o oddziaływaniu na środowisko, (2015), Tom IV. Rozdział 2, Grupa Doradcza SMDI, Warszawa, http://portalgis.gdansk.rdos.gov.pl/morskafarmawiatrowa-BaltykSrodkowyIII/Tom%20IV_Ocena%20oddzialywania/Rozdzial%202_OOS%20srodowisko%20abiotyczne/BSIII_TIV_R2_abiotyczne_v12Pol%20ost.pdf
9. Strategiczna ocena oddziaływania na środowisko projektu polityki energetycznej Polski do 2040 r. (2019), Ministerstwo Energii, Warszawa, file:///C:/Users/r.rolbiecki/Downloads/Za%C5%82%C4%85cznik 3 Prognoza OO%C5%9A PEP2040 0

	Supplementary literature	1. A. Gus-Puszczewicz, Wybrane wskaźniki zrównoważonego rozwoju, [w:] praca zbiorowa pod red.: R. Rolbieckiego, "Aktualne problemy rozwoju transportu i logistyki", Zeszyty Naukowe Uniwersytetu Gdańskiego Ekonomika transportu i Logistyki, Wydawnictwo UG, Gdańsk 2013, nr 47 2. W. Gasparski (red.), Biznes, etyka, odpowiedzialność, Wydawnictwa Profesjonalne PWN, 2012 Warszawa 3. A. Gus-Puszczewicz: Wybrane problemy idei zrównoważonego rozwoju. W: praca zbiorowa pod red.: E. Załoga: Europejska przestrzeń transportu. Wyzwania rynkowe. Uniwersytet Szczeciński Zeszyty Naukowe nr 741, Szczecin 2012 4. L. Heike, Corporate Management, Corporate Social Responsibility and Costumers: An Empirical Investigation, Diplomica 2012, Hamburg 5. A. S. Huff, S. W. Floyd, H. D. Sherman, S. Terjesen, Zarządzanie strategiczne. Podejście zasobowe, Wydawnictwo Wolters Kluwer Business 2011, Warszawa 6. S. Kozłowski, Zrównoważony rozwój - program na jutro, Abrys 2008, Poznań-Warszawa 7. Ch. E. Boga., M. J. English, Benchmarking jako klucz do najlepszych praktyk, Wydawnictwo Helion 2006, Gliwice
	eResources addresses	
Example issues/ example questions/ tasks being completed	• What are best practices for exploiting marine resources (e.g. oil, natural gas, wind energy) in a way that minimizes negative impacts on marine ecosystems? • What technologies and methods can help reduce the impact of offshore activities on the marine environment, including fauna and flora and the quality of marine waters? • What are the challenges and opportunities for spatial planning in maritime zones that take into account different types of activities (e.g. fishing, energy, tourism) and their impact on the environment? • What governance models can help harmonize the interests of different stakeholders (e.g. government, industry, local communities) to achieve sustainable development?	
Work placement	Not applicable	

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