



Subject card

Subject name and code	, PG_00057158						
Field of study	Ocean Engineering						
Date of commencement of studies	February 2022	Academic year of realisation of subject			2022/2023		
Education level	second-cycle studies	Subject group			Optional 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	3	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Zakład Siłowni Okrętowych -> Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Zbigniew Korczewski				
	Teachers		prof. dr hab. inż. Zbigniew Korczewski				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	30
	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	30		5.0		15.0	50
Subject objectives	Teach students the principles of implementing a master's thesis.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_W08] has knowledge necessary to understand economical, social and legal conditions and effects of engineering activities, knows general principles of initiating and develop forms of private entrepreneurship and has knowledge on the protection of industrial and intellectual property and on the copyrights	The student understands the basic concepts and principles in the field protection of industrial property i copyright law.			[SW2] Assessment of knowledge contained in presentation		
	[K7_K01] is aware of the need of constant learning, can critically assess the content, is aware of the meaning of knowledge in solving cognitive and practical problems	The student is able to see the shortcomings knowledge in a specific field i can replenish them on the way consultation with specialists.			[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_U09] has the ability to obtain and apply information, also in a foreign language, in professional activity	The student interprets correctly information within the foreign languages scientific literature			[SU2] Assessment of ability to analyse information		
	[K7_U03] can conduct a detailed analysis of the obtained results and present them in the form of a technical report or presentation, also in English	The ability to perform a complex design task.			[SU1] Assessment of task fulfilment		
	[K7_W10] has knowledge allowing the writing of an MSc diploma thesis on ocean technology	The student has the necessary knowledge for the implementation of the project on a selected topic.			[SW2] Assessment of knowledge contained in presentation		

Subject contents	Organization of classes. Discussion of the rules for the implementation of the master's thesis (also as part of the project group). Course contents, features and functions of the master's thesis, motivation to undertake topic (also as part of a group project). Genesis, selection, formulation and justification of the topic. Distribution of tasks between members of the project group and establishing communication rules. Scientific research methods in design and operation of offshore energy systems. Work layout, technique content editing, methods of presentation of research results, preparation of documentation for the completed part of the project, source literature. Presentation of the results of the completed partial tasks of the diploma thesis and their settlement. Degree of goal achievement. Cognitive and utilitarian conclusions. The course of the diploma examination. Preparation of materials for presentation. The structure of the self-presentation. The course of defense of the master's thesis.		
Prerequisites and co-requisites	Registration for the diploma semester.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		80.0%	50.0%
		100.0%	50.0%
Recommended reading	Basic literature	Majchrzak J., Mendel T.:Metodyka pisania prac dyplomowych, Wydawnictwo AE, Poznań 1995 Chrościcki Z., Zarządzanie projektem zespołami zadanowymi, Wydawnictwo C.H.Beck, Warszawa 2001 Berkun S., Sztuka zarządzania projektami, Helion, Gliwice 2006	
	Supplementary literature	Tobis, Irene i Michael, Managing Multiple Projects, New York: McGraw-Hill, 2002 Specialist literature related to the scope of implementation group projects	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		