



Subject card

Subject name and code	, PG_00059755						
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					
Mode of study	Part-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			7.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Maciej Reichel				
	Teachers		dr inż. Maciej Reichel				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	30.0	0.0	0.0	60
	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	60		0.0		0.0	60
Subject objectives	Elaboration of method for optimisation of propulsion and manoeuvring abilities						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U01] can obtain information from literature, databases and other sources, can verify and organize the obtained information, interpret them and form conclusions and justified opinions	Student is able to find necessary information in scientific literature			[SU2] Assessment of ability to analyse information		
	[K7_U09] has the ability to obtain and apply information, also in a foreign language, in professional activity	Student understands the idea of optimisation - compromise			[SU2] Assessment of ability to analyse information		
	[K7_U08] can manage the work of a team, coordinate the conducting of a design or research task	Student properly delegates tasks			[SU1] Assessment of task fulfilment		
	[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	Student is able to interpret the test results			[SU1] Assessment of task fulfilment		
Subject contents	Gathering of measurement results						
	Qualitative analysis of results						
	Quantitative analysis of results						
Prerequisites and co-requisites	Subject "Ship hydrodynamics"						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
			60.0%		100.0%		
Recommended reading	Basic literature		Dudziak - Teoria okrętu				
	Supplementary literature		Lewis - Principles of naval architecture				
	eResources addresses						

Example issues/ example questions/ tasks being completed	Analysis of model tests
Work placement	Not applicable