



## Subject card

Subject name and code	, PG_00059754						
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			6.0		
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	Presentation of extrapolation methods for maritime model tests						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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 can critically analyse model test results		[SU5] Assessment of ability to present the results of task		
	[K7_W06] has an organized, widened knowledge on engineering methods and design tools allowing the conducting of advanced projects within the construction and operation of ocean technology objects and systems		Student is able to carry out basic model tests		[SW3] Assessment of knowledge contained in written work and projects		
	[K7_W05] has an organized, widened knowledge on design, construction and operation of ocean technology objects and systems		Student is able to identify the source of measurements uncertainty		[SW1] Assessment of factual knowledge		
Subject contents	Elaboration of model test results						
	Extrapolation of results						
	Results presentation						
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		Lewis - Principles of naval architecture				
	Supplementary literature		Brix - Manoeuvring technical manual				
	eResources addresses						

Example issues/ example questions/ tasks being completed	Extrapolation methods  Uncertainty of extrapolation methods
Work placement	Not applicable