GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	MSc Diploma Thesis, PG_00057197		
Field of study	Ocean Engineering		
Date of commencement of studies	February 2023	Academic year of realisation of subject	2023/2024
Education level	second-cycle studies	Subject group	Optional subject group Subject group related to scientific research in the field of study
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	20.0
Learning profile	general academic profile	Assessment form	exam
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology		
Name and surname of lecturer (lecturers)	Subject supervisor		
	Teachers		

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	0.0	0
	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	0	25.0	475.0	500

Subject objectives	The aim is to prepare a master's thesis in accordance with the requirements of the Gdansk University of Technology

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[K7_K03] is aware of their social role as a graduate of a technical university, is aware of the importance of adhering to professional ethics and respect of the diversity of views</td><td>The student presents socially beneficial solutions in the thesis.</td><td>[SK5] Assessment of ability to solve problems that arise in practice</td></tr>
<tr><td>[K7_W10] has knowledge allowing the writing of an MSc diploma thesis on ocean technology</td><td>The student demonstrates sufficient knowledge to prepare a master's thesis.</td><td>[SW3] Assessment of knowledge contained in written work and projects</td></tr>
<tr><td>[K7_W07] has knowledge on the development perspectives of ocean technology objects and systems, knows the newest and most relevant achievements in ocean technology</td><td>The student presents modern solutions that contribute to the development of ocean engineering.</td><td>[SW3] Assessment of knowledge contained in written work and projects</td></tr>
<tr><td>[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</td><td>The student performs a proper review of the literature in the area of the thesis topic.</td><td>[SU2] Assessment of ability to analyse information</td></tr>
<tr><td>[K7_U07] in compliance with a formulated specification and with the aid of appropriate tools and methods, is able to complete an advanced engineering task within the range of design, construction and operation of ocean technology objects and systems</td><td>The student presents the results of an advanced engineering problem.</td><td>[SU5] Assessment of ability to present the results of task</td></tr>
<tr><td>[K7_U05] can conduct an initial economic analysis of an investment in the range of ocean technology, indicate detailed rules of law and branch regulations</td><td>The student presents a feasibility study.</td><td>[SU3] Assessment of ability to use knowledge gained from the subject</td></tr>
<tr><td>[K7_U04] can apply mathematical methods and models and computer simulations to analyse, design, and assess the functioning of ocean technology objects and systems and their elements</td><td>The student applies appropriate scientific methodology.</td><td>[SU4] Assessment of ability to use methods and tools</td></tr>
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<tr><td>Subject contents</td><td>Master's thesis preparation</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Acquisition of knowledge covering the entire course of study and the skills to apply this knowledge</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Thesis evaluation</td><td>50.0%</td><td>100.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>https://owl.excelsior.edu/research/outlining/outlining-imrad/</td></tr>
<tr><td>Supplementary literature</td><td>https://writingcenter.gmu.edu/guides/writing-an-imrad-report</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>Write a master's thesis</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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