GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Master's thesis, PG_00064909						
Field of study	Naval Architecture and Offshore Structures						
Date of commencement of studies	February 2026		Academic year of realisation of subject	2026/2027			
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	20.0			
Learning profile	general academic profile		Assessment form	assessment			
Conducting unit	Division of Marine Auxiliary Machinery -> Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Wojciech Litwin				
	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		30.0	470.0	500	
Subject objectives	The aim of the subject is to present students with the principles of preparing a diploma thesis from the substantive and editorial perspective, regulations and principles important in the implementation of IT projects that are the subject of the diploma thesis. The possibilities of further education and undertaking second-cycle studies will be discussed. An important aim of the subject is to develop in students the skills of creating technical documents and the skills of public presentation of content related to the performance of the profession of Master of Science in Engineering using appropriate technical means and modern audiovisual aids. The aim is also to acquire the ability to clearly and precisely formulate and express the content conveyed, in accordance with the 5C principle (Clear, Complete, Correct, Courteous, Concise).						

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<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_U14] integrates information obtained from literature and other properly selected sources, including those in a foreign language, creatively interpreting and critically evaluating them, and drawing conclusions</td><td>When preparing a seminar presentation, the student is able to communicate in Polish and English using specialist terminology, using various techniques, including IT tools; is able to present the results of the work performed</td><td>[SU2] Assessment of ability to analyse information</td></tr>
<tr><td>[K7_K13] is ready for responsible performance of proffesional roles, considering ever-changing need of the society, including self developement and supporting and fullfiling work ethics</td><td>The student understands that in technology, knowledge and skills become outdated very quickly; is aware of the importance of knowledge in solving engineering problems, such as those realized as part of the diploma thesis; is aware of the social role of a technical university graduate</td><td>[SK2] Assessment of progress of work</td></tr>
<tr><td>[K7_W03] demonstrates structured and theory supported knowledge encompassing key issues in the field of Naval Architecture and Ocean Engineering, enabling developement and synthesis of shipborne and offshore systems, devices, and processes</td><td>The student has general and specific knowledge in the field of shipbuilding related to the issues covered by the diploma thesis. The student has knowledge of development trends and the most important new achievements in shipbuilding related to the implementation of the diploma thesis.</td><td>[SW2] Assessment of knowledge contained in presentation</td></tr>
<tr><td>[K7_U15] evaluates the feasibility of advanced methods and tools for solving complex engineering tasks of a practical nature, characteristic of the field of study, and selects and applies appropriate methods and tools for this purpose</td><td>The student is able to find useful sources of information, methods and techniques and use them properly. The student is able to use computer techniques, including computer-aided design.</td><td>[SU5] Assessment of ability to present the results of task</td></tr>
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<tr><td>Subject contents</td><td>Selection of thesis thema based on available literature data. Selection of proper experimental methods for solution of the chosen problem. Caring out experiments supporting the thesis, theoretical calulations or design of a technological project. Presentation of selected literature data and own scientific research results</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>No requirements</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>Semester/diploma dissertation</td><td>60.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>Dependent on the subject of the diploma work</td></tr>
<tr><td>Supplementary literature</td><td>Dependent on the subject of the diploma work</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>no</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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