

## 。 GDAŃSK UNIVERSITY OF TECHNOLOGY

## Subject card

Subject name and code	Master's thesis , PG_00057274								
Field of study	Power Engineering, Power Engineering, Power 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			assessment			
Conducting unit	Institute of Energy -> 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	Projec	t	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 classes includ plan	n didactic ed in study	Participation in consultation hours		Self-study		SUM	
	Number of study hours	0		25.0		475.0		500	
Subject objectives	Preparation, by the student, of the Master thesis on the subject and scope defined by the thesis supervisor								

Learning outcomes	Course outcome	Subject outcome	Method of verification			
	[K7_U03] has the necessary preparation to work in an industrial environment, is prepared to undertake third degree studies, applies the principles of safety and hygiene	Student organizes design and research work.	[SU1] Assessment of task fulfilment			
	[K7_W09] knows and understands the basic concepts and principles of industrial property protection and copyright law and the need for intellectual property management, is able to use patent information resources	Student is able to take nontechnical aspects of the project into account during preparing him diploma thesis.	[SW3] Assessment of knowledge contained in written work and projects			
	[K7_U01] is able to acquire information from literature, databases and other sources, has the ability of self-education in order to improve his/her professional competence (also in English), is able to prepare a simple scientific paper and its summary in English, as well as an oral presentation	Student makes critical review of the literature and solutions in the area of his thesis subject, using publications in polish and other languages. Student prepares oral presentation of his work.	[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information			
	[K7_U04] is able to plan and perform experiments using measurements and computer simulations, together with interpretation of results, is able to present and evaluate the course and results of work in a team realizing an advanced engineering project, is able to use technical documentation and to create it independently	Student performs, with the use of appropriate tools, necessary models, calculations, research, analysis and comparisons.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools			
	[K7_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad	Student acquires information and data from literature or other sources in the foreign language	[SK3] Assessment of ability to organize work			
	[K7_U05] is able to integrate technical and economic analysis of the use of various energy technologies, including technologies using renewable energy sources and conventional and nuclear energy	Student is able to take technical and economic aspects of the project into account during preparing him diploma thesis.	[SU1] Assessment of task fulfilment			
Subject contents	Rules and requirements for preparing master diploma thesis. Realisation of the thesis under supervision of the thesis supervisor, according to the scope and subject of the thesis. Editorial preparation of the thesis for publication. Consultations with supervisor and, if needed, with other experts. Preparation of the multimedia presentation.					
Prerequisites and co-requisites	Registration for the diploma semester.					
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade			
and criteria	Diploma thesis assessemnt	56.0%	100.0%			
Recommended reading	Basic literature	Literature positions corresponding to the diploma thesis subject				
	Supplementary literature	Literature positions corresponding to the diploma thesis subject				
	eResources addresses	Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Current lists of questions for diploma exam, specific to the study specialty, are available at the Faculty website.					
Work placement	Not applicable					