

关。GDAŃSK UNIVERSITY 多 OF TECHNOLOGY

Subject card

Subject name and code	Master's thesis , PG_00057360								
Field of study	Power Engineering, F	Power Enginee	ring, Power En	gineering					
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	Department of Sanita	ry Engineering	-> Faculty of Civil and Environmental Engineering						
Name and surname	Subject supervisor		dr hab. inż. Sylwia Fudala-Książek						
of lecturer (lecturers)	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 classes includ plan		Participation in consultation hours		Self-study		SUM	
	Number of study hours	0		25.0		475.0		500	
Subject objectives	The aim of the course is to complete a master's thesis to obtain a master's degree in the chosen field of specialisation after the defence.								
Learning outcomes	Course outcome Subject outcome Method of verific					rification			
	[K7_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad		The student has the professional and language competences to cooperate in an international team within his/her own university and during internships and studies abroad			[SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work			
	[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		The student is able to think and act creatively and entrepreneurially. Has the skills to plan and conduct research, including the competence to work in R&D departments. Has the ability to present prepared speeches. Is familiar with modern solutions used in environmental engineering. Is able to carry out advanced engineering design, is able to use technical documentation and create it independently.			[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task			
	[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		The student is able to undertake work in industry and has the skills and competences to undertake third level studies, knows and applies health and safety principles			[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools			
	[K7_K01] is aware of the necessity of self-education and self- improvement within the scope of his/her occupation as a power engineer and possibilities of further education		The student understands the need to independently supplement and expand knowledge in the field of modern processes and technologies in power engineering. He/she also has knowledge of possible directions of further education.			[SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice			

Subject contents	Presentation of the rules for the execution and writing of master's theses. Defining the scope of the master's thesis. Presentation of opportunities for self-education/development. Joint discussion of the results of the thesis. Making a presentation on the given topic of the Master's thesis. Discussion of the issues.					
Prerequisites and co-requisites						
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade			
and criteria	Master's thesis completed	100.0%	100.0%			
Recommended reading	Basic literature	Relevant to the topic of the work, including book entries, scientific publications, standards and laws and regulations and websites				
	Supplementary literature N/A					
	eResources addresses	Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	1.The method of research planning2 Software to support the design process					
Work placement	Not applicable					