GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Master's thesis , PG_00057360		
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	Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Sylwia Fudala-Książek	
	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 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 verification
[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

<table>
<tr><td>Subject contents</td><td colspan="3">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.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Master's thesis completed</td><td>100.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Relevant to the topic of the work, including book entries, scientific publications, standards and laws and regulations and websites</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">N/A</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">1.The method of research planning2 Software to support the design process</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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