



Subject card

Subject name and code	Master's thesis , PG_00064780						
Field of study	Power Engineering						
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 Heating Ventilation Air Conditioning and Refrigeration -> Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Jan Wajs					
	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	Preparation of the master's thesis.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[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	presents a review of the literature related to the topic of the thesis, interprets and evaluates obtained information			[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		
	[K7_U82] is able to proficiently obtain and process information related to field of study and academic environment in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR)	uses information from the energy sector acquired in a foreign language (level B2).			[SU2] Assessment of ability to analyse information		
	[K7_K13] is ready for responsible performance of professional roles, considering ever-changing need of the society, including self development and supporting and fulfilling work ethics	undertakes tasks responsibly, also taking into account its non-technical aspects			[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad	prepares a diploma thesis independently or in a group, is able to cooperate with an international team			[SK3] Assessment of ability to organize work		
Subject contents	Rules and requirements for a master's thesis. Realization of the thesis under the guidance of a supervisor in accordance with the defined topic and scope. Consultation of the thesis with the supervisor and other experts. Editorial preparation of the thesis for its publication. Preparation of a multimedia presentation.						
Prerequisites and co-requisites	Registration for the diploma semester.						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	assessment of the diploma thesis	56.0%			100.0%		

Recommended reading	Basic literature	Zenderowski R.: Technika pisania prac magisterskich i licencjackich. CeDeWu, 2023, ISBN:978-83-8102-763-2 (in Polish)  Literature consistent with the topic of the thesis according to the instructions of the supervisor and the student's independent review of sources
	Supplementary literature	Literature selected by the student during verification of the state of knowledge in the subject of the diploma.
	eResources addresses	
Example issues/ example questions/ tasks being completed	What was the aim of the thesis? Has the objective been achieved? Has the scope of work been fully completed? The current list of questions for the diploma examination in a given specialization, which is available on the Faculty's website.	
Work placement	Not applicable	

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