



Subject card

Subject name and code	MSc Diploma Thesis I, PG_00048804		
Field of study	Electronics and Telecommunications		
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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Decision Systems and Robotics -> Faculty of Electronics, Telecommunications and Informatics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Grzegorz Lentka	

Teachers

dr hab. inż. Rafał Lech
dr inż. Grzegorz Jasiński
dr inż. Miron Kłosowski
dr inż. Katarzyna Karpienko
dr hab. inż. Robert Bogdanowicz
dr hab. inż. Sławomir Ambroziak
dr inż. Sławomir Gajewski
dr inż. Bartosz Czaplewski
dr hab. inż. Iwona Kochońska
dr hab. inż. Sylwester Kaczmarek
dr hab. inż. Zbigniew Czaja
dr inż. Karolina Marciniuk
dr inż. Magdalena Młynarczuk
dr inż. Michał Kowalewski
dr inż. Jan Schmidt
dr inż. Jarosław Magiera
dr inż. Mariusz Dzwonkowski
dr inż. Mateusz Ficek
dr inż. Marcin Narloch
dr inż. Sylwia Babicz-Kiewlicz
dr inż. Wojciech Siwicki
dr inż. Piotr Ody
dr inż. Piotr Rajchowski
prof. dr hab. inż. Janusz Smulko
prof. dr hab. inż. Andrzej Czyżewski
prof. dr hab. inż. Bożena Kostek
dr hab. inż. Krzysztof Nyka
dr hab. inż. Waldemar Jendernalik
dr hab. inż. Piotr Szczuko
dr inż. Bartłomiej Mróz
dr inż. Marek Tatara
dr inż. Arkadiusz Harasimiuk
dr inż. Piotr Sypek
dr inż. Stanisław Galla
dr hab. inż. Piotr Kowalczyk
dr hab. inż. Grzegorz Szwoch
dr hab. inż. Jacek Jakusz
dr hab. inż. Adam Lamęcki
dr hab. inż. Grzegorz Lentka
dr hab. inż. Henryk Lasota

	dr hab. inż. Bogdan Pankiewicz dr inż. Andrzej Kwiatkowski dr hab. inż. Józef Kotus dr inż. Adam Mazikowski dr hab. inż. Łukasz Kulas dr inż. Arkadiusz Szewczyk dr hab. inż. Jacek Marszał dr inż. Andrzej Marczał dr hab. inż. Jarosław Sadowski dr inż. Maciej Wróbel dr hab. inż. Marek Wójcikowski dr inż. Maciej Sac dr hab. inż. Paweł Wierzba prof. dr hab. inż. Małgorzata Szczerska dr inż. Małgorzata Gajewska dr hab. inż. Marek Blok						
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		95.0	125
Subject objectives	Finalisation of the master thesis.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_W09] Knows and understands, to an increased extent, the economic, legal and other conditions of various types of activities related to the given qualification, including the principles of protection of industrial property and copyright.	Student knows the rules of intellectual property protection. He understands the impact of his activities on the economics and environment in which he conducts business.	[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation
	[K7_U10] can individually plan and pursue their own lifelong education and influence others in this aspect, also by means of advanced information and communication technologies (ICT), and communicate on specialist issues with diverse recipients, appropriately justify points of view, hold debates, present, assess and discuss different opinions and points of view, as well as use specialist terminology related to the field of study in communication	Student prepares documentation for developed by themselves solution for a technical problem, documenting research and design.	[SU5] Assessment of ability to present the results of task
	[K7_K03] is ready to meet social obligations, inspire and organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way	The student is prepared to perform professional functions in the social interest. Is able to organize and initiate activities for the public interest and development of entrepreneurship.	[SK5] Assessment of ability to solve problems that arise in practice
	[K7_U08] while identifying and formulating engineering tasks specifications and solving these tasks, can: - apply analytical, simulation and experimental methods, - notice their systemic and non-technical aspects, - make a preliminary economic assessment of suggested solutions and engineering work	Student is able to formulate problems, analyze them and use analytical, simulation and experimental methods to solve them. He perceives his role in society and knows his responsibility for the non-technical effects of his activity.	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools
[K7_K02] is ready to provide critical evaluation of received content and to acknowledge the importance of knowledge in solving cognitive and practical problems	The student is critical of the received content. Understands the role of science in solving cognitive and technical problems.	[SK5] Assessment of ability to solve problems that arise in practice	
Subject contents	Student proposes a solution to the formulated problem, selects the necessary tools and codes, configures their environment, plans and carries out experiments to evaluate the proposed solution, as well as prepares the final version of the master thesis.		
Prerequisites and co-requisites	no requirements		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Acceptance of the final manuscript.	50.0%	100.0%
Recommended reading	Basic literature	Depends on the subject of the thesis.	
	Supplementary literature	No requirements	
	eResources addresses	Adresy na platformie eNauczenie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		