GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	MSc Diploma Thesis, PG_00050038					
Field of study	Space and Satellite Technologies, Space and Satellite Technologies					
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 Geoinformatics -> Faculty of Electronics, Telecommunications and Informatics					
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Paweł Raczyński			
	Teachers		dr inż. Paweł Raczyński			

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	15.0	485.0	500

Subject objectives	Acomplishment of final results of MSc thesis project

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K7_W06	Student has the knowledge on development trends and the most important new achievements in the field related to the topic of the MSc thesis.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects
	K7_U03	During his/her MSc thesis project implementation student is able to recognise, formulate and, in the basic scope, solve research problems. He/she is able to prepare a scientific study and to present results of the research conducted during the course of his/her diploma project implementation.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task
	K7_U06	Student is able to formulate and test hypotheses during his/her MSc thesis project implementation.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information
	K7_U01	During his/her MSc thesis project implementation student is able to acquire the information from literature, databases and other sources, also in foreign language, to integrate and interpret the information as well as to make the conclusions.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
	[K7_U04] Can decide on further education opportunities in the field of space and satellite technologies and related fields, as well as conduct the self-education process.	As a result of the studies and MSc thesis project implementation student is able to define the aims and directions of his further learning in the area of space and satellite technologies.	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject
	[K7_K03] Can analyse and implement assigned tasks while maintaining high technical standards. Is able to work and interact in a group, taking on different roles. Adheres to the principles of professional ethics and respects the diversity of views and cultures.	During his MSc thesis project implementation student identifies and appropriately solves several technical issues. He is able to work and co-operate in a team.	[SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills [SK2] Assessment of progress of work

Subject contents	Student analyses the given problem, which should be scientific, from the area of space and satellite technologies, chooses the methods and tools, including IT-based, to solve it, possibly writes a necessary code and configures an appropriate environment, conducts experiments to evauate the solution, documents his work and prepares the final version of the MSc thesis.
Prerequisites and co-requisites	None.

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	MSc. thesis text	60.0%	100.0%

Recommended reading	Basic literature	Depends on a subject of the thesis.
	Supplementary literature	None.
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable