GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	MSc. Diploma Seminar I, PG_00065878		
Field of study	Space and Satellite Technologies		
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 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	4.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Geoinformatics -> Faculty of Electronics Telecommunications and Informatics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Zbigniew Łubniewski	
	Teachers	dr inż. Mariusz Dąbkowski dr inż. Michał Hoeft dr inż. Przemysław Falkowski-Gilski prof. dr hab. inż. Bogdan Wiszniewski dr hab. inż. Zbigniew Łubniewski prof. dr hab. inż. Henryk Krawczyk dr hab. inż. Iwona Kochańska dr hab. inż. Marek Moszyński dr hab. inż. Michał Czubenko dr hab. inż. Tomasz Berezowski dr inż. Andrzej Chybicki dr inż. Jerzy Demkowicz	

Lesson types	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	5.0	100.0	105

Subject objectives	Implementation of MSc thesis project

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[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.</td><td>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.</td><td>[SK4] Assessment of communication skills, including language correctness
[SK1] Assessment of group work skills
[SK2] Assessment of progress of work</td></tr>
<tr><td>[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.</td><td>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.</td><td>[SU2] Assessment of ability to analyse information
[SU3] Assessment of ability to use knowledge gained from the subject</td></tr>
<tr><td>[K7_U03] Is able to recognise, formulate and solve scientific problems. Is able to formulate and verify hypotheses regarding technical and scientific problems in the field of space and satellite technologies. Is able to prepare a scientific paper on specific issues in the field of space and satellite technologies, as well as to present the results of his/her own scientific research.</td><td>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.</td><td>[SU1] Assessment of task fulfilment
[SU2] Assessment of ability to analyse information
[SU5] Assessment of ability to present the results of task</td></tr>
<tr><td>[K7_U01] Is able to acquire the information from literature, databases and other source, also in foreign language, helpful in implementation of technical and scientific tasks. Can integrate and interpret the obtained information as well as draw conclusions and formulate and justify opinions.</td><td>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.</td><td>[SU1] Assessment of task fulfilment
[SU2] Assessment of ability to analyse information
[SU4] Assessment of ability to use methods and tools</td></tr>
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<tr><td>Subject contents</td><td></td></tr>
<tr><td>Prerequisites and co-requisites</td><td>None.</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>MSc. thesis text</td><td>60.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>Depends on a subject of the thesis.</td></tr>
<tr><td>Supplementary literature</td><td>None.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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