



Subject card

Subject name and code	Risk Management in Space, E:41028W0									
Field of study	Space and Satellite Technologies									
Date of commencement of studies	February 2025		Academic year of realisation of subject		2024/2025					
Education level	second-cycle studies		Subject group							
Mode of study	Full-time studies		Mode of delivery		at the university					
Year of study	1		Language of instruction		English					
Semester of study	1		ECTS credits		1.0					
Learning 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 hab. inż. Zbigniew Łubniewski							
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM			
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15			
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	15		0.0		0.0	15			
Subject objectives	Familiarise students with issues of risk in space and its management.									
Learning outcomes	Course outcome		Subject outcome		Method of verification					
	[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.		Student is able to self-dependently expand his knowledge of risk management in space.		[SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment					
	[K7_W14] Knows the objectives, main programs and principles of functioning of the European (ESA) and national (POLSA) institutions regulating, supervising and stimulating activity in the space industry.		He knows the ESA and POLSA programs in relation to risk management issues.		[SW3] Assessment of knowledge contained in written work and projects					
	K7_W11		Student has the knowledge on risk in space and its management.		[SW1] Assessment of factual knowledge					
	K7_U05		He recognizes non-technical and social aspects in the issues of risk management.		[SU3] Assessment of ability to use knowledge gained from the subject					
	[K7_K04] Can show resourcefulness and ingenuity in dealing with professional tasks.		He demonstrates ingenuity when carrying out risk management tasks.		[SK2] Assessment of progress of work					
Subject contents	Course content – lecture Methods of hedging against different types of risks and acquire the ability to risk calculation.									
Prerequisites and co-requisites	-									
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade					
	exam		50.0%		100.0%					
Recommended reading	Basic literature		Students will receive a reading list at the beginning of the semester.							
	Supplementary literature		-							
	eResources addresses									

Example issues/ example questions/ tasks being completed	-
Practical activites within the subject	Not applicable

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