

Subject card

Subject name and code	Critical Infrastructure Protection (Classes), PG_00205521						
Field of study	National Security						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
Education level	Master's studies	Subject group			Obligatory subject group in the field of study Optional subject group Subject group related to practical vocational preparation		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			4.0		
Learning profile	practical	Assessment form			credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Aleksander Kazak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	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	30		2.0		68.0	100
Subject objectives	The main goal is to demonstrate the importance of critical infrastructure and its role in the functioning of the state and city. Theoretical and practical issues related to the protection of critical infrastructure and the consequences of inadequate security will be discussed.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BNMU2_U06] Is able to organise and analyse the causes and effects of security threats and indicates important countermeasures, skillfully arguing and using the acquired knowledge to convey knowledge in oral and/ or written statements in the field of security.	Dynamic changes in security policy at both international and national levels can be analyzed and interpreted.	[SU2] presentation/project/paper/report
	[BNMU2_U10] Is prepared to manage teams of people in an orderly manner, is able to prepare and implement projects, including those involving cooperation with other people and are interdisciplinary in nature, solves tasks in the field of planning security activities, taking into account legal and ethical aspects.	Interpersonal skills necessary for effective communication and teamwork collaboration are possessed.	[SU2] presentation/project/paper/report
	[BNMU2_U12] Is prepared to actively participate in public life and to work in public institutions and organizations, with particular emphasis on public administration, uniformed services, and security management institutions.	Possesses interpersonal skills necessary for effective communication and teamwork collaboration.	[SU2] presentation/project/paper/report
	[BNMU2_W07] Has in-depth knowledge of the processes and factors shaping them in public security institutions and structures.	Can integrate theoretical knowledge with practical experience in making security-related decisions.	[SW2] presentation/project/paper/report
	[BNMU2_W09] Has in-depth knowledge of the nature, dynamics, and specificity of security threats in various spheres of social life.	Able to apply practical knowledge of the social, historical, economic, and cultural conditions of security.	[SW2] presentation/project/paper/report
	[BNMU2_W10] Has knowledge of the activities of public institutions and structures operating for security.	There is knowledge of security policies at the local, regional, and global levels.	[SW2] presentation/project/paper/report
	[BNMU2_W11] Has knowledge of security strategies at provincial and national levels.	Has the ability to analyze mechanisms of political power in the context of security and utilizes relevant knowledge.	[SW2] presentation/project/paper/report
	[BNMU2_W13] Has knowledge of risk management and decision-making mechanisms, understands the significance of the relationship between the media and the security sphere, as well as legal and ethical issues related to the protection of intellectual property and copyright.	Dynamic changes in security policy at the international and national levels can be analyzed and interpreted.	[SW2] presentation/project/paper/report
	[BNMU2_K04] Takes up professional roles responsibly and in an enterprising manner, is able to cooperate and properly carry out assigned security tasks.	Is able to integrate theoretical knowledge with practical experience in making security-related decisions.	[SK2] presentation/project/paper/report
Subject contents	<p>Contemporary concept of national security. Scope and concepts of critical infrastructure. Issues concerning the security of critical infrastructure. Contemporary threats to critical infrastructure. Globalization and critical infrastructure. Threats arising from the use of weapons of mass destruction. Legal regulations for protecting critical infrastructure. Critical infrastructure facilities and defensive and offensive actions in the realm of terrorist threats. Contemporary cities as targets of terrorist attacks. Security and counterterrorism defense of public spaces. Anti-terrorism security measures for buildings and construction sites. Terrorism and the modern city analysis of selected examples (London, New York, Washington). Analysis of the vulnerability of the Faculty of Social Sciences at the University of Gdańsk to a terrorist attack. Communication security threats to infrastructure and potential consequences. Telecommunication security threats to infrastructure and potential consequences. Energy security threats to infrastructure and potential consequences. Environmental security threats to infrastructure and potential consequences. Risk analysis for the protection of critical infrastructure.</p>		

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Test	51.0%	100.0%
Recommended reading	Basic literature	Ochrona infrastruktury krytycznej, pod red. A. Tyburskiej, Szczytno 2010. Ustawa o zarządzaniu kryzysowym z 26 kwietnia 2007 r., DzU nr 89, poz. 590 z późn. zm. Radziejewski R., Infrastruktura krytyczna Przegląd Obrony Cywilnej 2007, nr 7.	
	Supplementary literature	Absence	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Presentation or project on environmental security.Presentation or project on security and counterterrorism defense of public spaces.Presentation or project on legal regulations for protecting critical infrastructure.		
Work placement	Not applicable		

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