

Subject card

Subject name and code	Cybersecurity - lecture, PG_00131767						
Field of study	Cyberbezpieczeństwo - wykład						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		2.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Department of Legal Informatics -> Faculty of Law and Administration -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Patryk Ciurak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
	eNauczanie source address: https://mdl.ug.edu.pl/course/view.php?id=12893						
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		0.0		20.0	50
Subject objectives	The aim of the course is: to present the knowledge and skills necessary to develop cyber risk mitigation projects and strategies, including the appropriate legal steps to take in response to cyber attacks; to develop the knowledge and skills necessary to develop cyber risk mitigation projects and strategies, including the appropriate legal steps to take in response to cyber attacks, to learn the role and importance of a risk-based approach to cyber security across the organisation.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[KRYML3_WG03] Has advanced knowledge of the facts, concepts and relationships between selected phenomena related to the problems of the criminal act, including key social and psychological phenomena relevant to the context of the studied direction.	The student: 1. maintains the basic principles of cyber hygiene in the work and home environment. 2. is able to provide advice on information security issues. 3. understands the complex interdisciplinary relationships involved in the functioning of the national cyber security system.	[SW4] test/egzamin - ustny lub pisemny [SW3] opracowanie tekstowe/ praca pisemna [SW5] realizacja zadania problemowego
	[KRYML3_WG04] Has advanced knowledge of the role of state bodies in counteracting socio-pathological phenomena, especially crimes, the internal structure of these bodies and their competencies	Student. 1. knows the responsibilities and powers of state and private entities resulting from the use of new information and communication technologies. 2. knows what actions should be taken to limit threats from cyberspace.	[SW4] test/egzamin - ustny lub pisemny [SW3] opracowanie tekstowe/ praca pisemna [SW5] realizacja zadania problemowego
	[KRYML3_UU03] In an advanced degree, is able to independently acquire knowledge and develop his professional skills, using a variety of sources (in the native and foreign language) and modern technologies, and appropriately select and apply the appropriate methods and tools of the criminologist's work.	The student: 1. knows the basic ways to prevent attacks on information systems, combat such attacks, secure evidence and report security incidents. 2. is able to perform a risk analysis of a system, workstation, organisation and process. 3. is able to analyse and understand information related to the responsibilities of the main actors in the field of cyber security. 4. is able to apply in practice the mechanisms of the national cyber security system.	[SU3] opracowanie tekstowe/ praca pisemna [SU4] test/egzamin - ustny lub pisemny [SU5] realizacja zadania problemowego
Subject contents	1. Basic concepts related to cyber security. 2. Cyberspace and the Internet 3. Legal models for regulating cyberspace 4. Regulation of the Internet 5. Computer networks and basic categories of cybercrimes 6. The EU cyber security regime. Legal framework 7. Cyber hygiene		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written solution to a problem issue	51.0%	100.0%
Recommended reading	Basic literature	1. C. Banasiński, Cyberbezpieczeństwo. Zarys wykładu, wyd. 2. Wolters Kluwer, Warszawa 2023 2. K. Czaplicki, A. Gryszczyńska, G. Szpor [red.:] Ustawa o krajowym systemie cyberbezpieczeństwa. Komentarz, Wolters Kluwer, Warszawa 2019	
	Supplementary literature	1. F. Wołowski, J. Zawila-Niedźwiecki, Bezpieczeństwo systemów informacyjnych. Praktyczny przewodnik zgodny z normami polskimi i międzynarodowymi, edu-Libri, Kraków 2012; 2. J. Łuczak, M. Tyburski, Systemowe zarządzanie bezpieczeństwem informacji wg ISO/IEC 27001:2005, Wyd. UE, Poznań 2009; 3. K. Liderman, Bezpieczeństwo informacyjne : nowe wyzwania, Warszawa, 2017 4. D. Szostek [red.:] Bezpieczeństwo danych i IT w kancelarii prawnej/ radcowskiej/adwokackiej/notarialnej/ komorniczej. Czyli jak bezpiecznie przechowywać dane w kancelarii prawnej C.H.Beck, Warszawa 2018; 5. D. Lisiak-Felicka, M. Szmit, Cyberbezpieczeństwo administracji publicznej w Polsce. Wybrane zagadnienia, European Association For Security, Kraków 2016, https://www.researchgate.net/publication/301204372_Cyberbezpieczenstwo_administracji_publicznej_w_Polsce_download 6. M. Szmit, Wybrane zagadnienia opiniowania sądowo-informatycznego, European Association For Security, Kraków 2014; 7. N. Polemi, Port Cybersecurity. Securing critical information ifrastructures and supply chains, Elsevier, Amsterdam-Oksford-Cambridge 2018; 8. J. Kossoff, Cybersecurity Law, Wiley, Hoboken 2020.	
	eResources addresses		
	Example issues/ example questions/ tasks being completed		
Work placement	Not applicable		

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